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HEALTH DEPARTMENT OF THE CITY OF BOSTON.

Statement of Deaths for the month of January, 1896. 1896-1898

With an enumeration of the more prominent causes; accompanied by an abstract of Meteorological Observations.

Published by order of the Board of Health.

SAMUEL H. DURGIN, M.D.,
Chairman.

Deaths during the month of January, 1896, 921
Population by State Census 501,083.
Rate per 1,000 inhabitants, 22.05

Total number 921

SEX.

Males 463

Females 458

CONDITION.

Married 296

Single 444

Widows 131

Widowers 37

Unknown 13

COLOR.

White 896

Colored 25

Total deaths of children { Under 1 year 143
Under 2 years 185
Under 5 years 238

Diarrhoeal diseases { Under 1 year 0
Under 2 years 0
Under 5 years 0
All ages 2

NATIVITY.

United States 571

Ireland 187

England 19

Scotland 8

Germany 22

British America 71

Italy 9

Russia 5

Other Countries 14

Unknown 15

PARENTAGE.

United States 226

Irish 335

English 23

Scotch 11

German 25

British American 57

Italian 20

Russian 18

Other Countries 66

Mixed 59

Unknown 81

Still-births during the month 69

Total Deaths with Principal Causes for the month

CAUSES OF DEATH.	Total Mortality for January, 1898.	Total Mortality for January, 1895.	AGE.																			SEX.		
			Under 3 mos.	3 mos. and under 6 mos.	6 months and under 1 year.	1 year and under 2 yrs.	2 years and under 3 yrs.	3 years and under 4 yrs.	4 years and under 5 yrs.	Total under 5 years.	5 years and under 10 yrs.	10 years and under 15 yrs.	15 years and under 20 yrs.	20 years and under 30 yrs.	30 years and under 40 yrs.	40 years and under 50 yrs.	50 years and under 60 yrs.	60 years and under 70 yrs.	70 years and under 80 yrs.	80 years and under 90 yrs.	90 years and under 100 yrs.	100 years and over.	Males.	Females.
I. ZYMOTICS.																								
ALCOHOLISM	5	6												1	2		2						5	
CROUP	6	10					2	2		4	1											2	3	
CARBUNCLE	1																	1				1		
CHOLERA MORBUS																								
CHOLERA INFANTUM		2																						
CEREBRO-SPINAL MENINGITIS	1	1			1					1												1		
CONGESTIVE FEVER																								
DIARRHŒA	1	1																1					1	
DYSENTERY	1	1																	1				1	
DIPHTHERIA	40	55	1	2	9	4	9	7	32	11	2			1	1	1		1				25	24	
ERYSIPELAS	5	3	4	1					5													2	3	
INTERMITTENT FEVER	1																		1				1	
INFLUENZA	4	2										1					1	2				2	2	
MEASLES		2																						
PURPURA																								
PURPERAL FEVER.		1																						
PYÆMIA	3		1						1					1		1						2	1	
REMITTENT FEVER																								
RHEUMATISM	4	1																3	1				4	
SCARLATINA	4	17						2	2	2												3	1	
SMALL POX																								
SYPHILIS (CONGENITAL)	2	5	2						2														2	
SYPHILIS																								
SEPTICÆMIA		5																						
TONSILLITIS.	1	1								1													1	
TYPHOID FEVER.	14	8					1		1	2		6	1	4								7	7	
TYPHUS FEVER																								
WHOOPING COUGH	7	6	1	1	2	2	1		7													4	3	
YELLOW FEVER.																								
OTHER ZYMOTIC DISEASES																								
II. CONSTITUTIONAL.																								
CANCER	33	40											2	1	4	10	9	5	2			13	20	
HYDROCEPHALUS AND TUBERC. MENINGITIS	12	15	1	1	2	4	1	1	11			1										8	4	
MARASMUS, SCROFULA & TABES MESENTERICA	15	20	6	3	2	1	1		13			1				1						7	8	
PHTHISIS PULMONALIS	108	113	1	4	1	1	1		8	1	2	5	35	30	14	5	6	2				50	49	
OTHER CONSTITUTIONAL DISEASES	22	20		1					1		1	1	7	7	2	2		1				12	10	

of January, Classified by Cause, Age and Sex.

CAUSES OF DEATH.	AGE.																				SEX.														
	Total Mortality for January, 1896.	Total Mortality for January, 1895.	Under 3 mos.	3 mos. and under 6 mos.	6 mos. and under 1 year.	1 year and under 2 yrs.	2 years and under 3 yrs.	3 years and under 4 yrs.	4 years and under 5 yrs.	Total under 5 years.	5 years and under 10 yrs.	10 years and under 15 yrs.	15 years and under 20 yrs.	20 years and under 25 yrs.	25 years and under 30 yrs.	30 years and under 35 yrs.	35 years and under 40 yrs.	40 years and under 45 yrs.	45 years and under 50 yrs.	50 years and under 55 yrs.	55 years and under 60 yrs.	60 years and under 65 yrs.	65 years and under 70 yrs.	70 years and under 75 yrs.	75 years and under 80 yrs.	80 years and under 85 yrs.	85 years and under 90 yrs.	90 years and under 95 yrs.	95 years and under 100 yrs.	100 years and over.	Males.	Females.			
III. LOCAL.																																			
APoplexy	34	37												2	2	4	8	6	7	5													15	19	
BRIGHT'S DISEASE	12	12													2	2	2	2	3	1													7		
BRONCHITIS	41	58	1	5	3	5		1		15				3	1	1	7	4	6	2	1	1											16	25	
HEART DISEASE	79	83	3					1		4	2	1	1	6	8	11	16	14	13	3													41	38	
MENINGITIS	14	21	2		3	4	1			10	1		1			1																	7	7	
NEPHRITIS	32	18									2			4	4	2	7	6	6	1													16	16	
PLEURISY		3																																	
PNEUMONIA	150	149	9	8	2	10	7	3	1	40	1		3	15	13	21	19	22	11	5													89	61	
OTHER LOCAL DISEASES	141	130	12	2	6	1		2	1	24	2	1	2	12	18	11	25	19	14	13													65	76	
IV. DEVELOPMENTAL.																																			
CYANOSIS	1	1	1							1																							1		
INANITION	8	4	7							7				1																			6	2	
OLD AGE	20	24																2	8	8	1	1										3	17		
PREMATURE BIRTH	14	11	14							14																							8	6	
PUERPERAL DISEASES (not includ'g Puerp'l Fever)	7	4												3	4																		7		
OTHER DEVELOPMENTAL DISEASES	32	22	17	3	1	1	1			23				1		1		1	3	2	1												12	20	
V. VIOLENT.																																			
ACCIDENTAL	19	38	1			2	1			4				1	3	4	4	2	1														15	4	
HOMICIDAL	2	2												1	1																		1	1	
SUICIDAL	6	3												2	2	2																	3	3	
OTHER VIOLENT CAUSES	1	5														1																		1	
UNKNOWN CAUSES	10		6	1		1				8						1																	5	5	
TOTAL FROM ALL CAUSES	921	960	90	29	24	42	20	21	12	238	24	9	14	104	102	86	109	102	84	44	3	2										463	458		
TOTAL FROM ZYMOTIC DISEASES	108	127																																	
INCLUDING TUBERCULAR DISEASES	252	277	9	1	5	12	7	12	9	55	15	4	1	7	5	5	4	6	4	2													54	54	
TOTAL FROM CONSTITUTIONAL DISEASES	190	208	8	9	4	6	3	2	1	33	1	3	6	46	38	20	17	16	8	2													99	91	
“ “ LOCAL do.	503	511	27	15	14	20	8	7	2	93	8	2	7	42	48	53	84	74	60	30	1	1											256	247	
“ “ DEVELOPMENTAL do.	82	66	39	3	1	1	1			45				5	4	1		3	11	10	2	1											30	52	
“ “ VIOLENT CAUSES	28	48	1			2	1			4				4	6	7	4	2	1														19	9	

Comparative Statement of Cases of Contagious Disease reported to the Board of Health for the month of January, 1896, and for the corresponding month in 1895.

CASES REPORTED DURING JANUARY, 1896.			CASES REPORTED DURING JANUARY, 1895.		
	City.	Quarantine.		City.	Quarantine.
Diphtheria	591	....	Diphtheria	340	....
Measles	31	....	Measles	209	....
Small Pox . . . . .	....	....	Small Pox . . . . .	....	....
Scarlatina	136	....	Scarlatina	231	....
Typhoid Fever	58	....	Typhoid Fever	28	....
Typhus Fever . . . . .	....	....	Typhus Fever . . . . .	....	....
Yellow Fever . . . . .	....	....	Yellow Fever . . . . .	....	....

METEOROLOGICAL OBSERVATIONS TAKEN AT THE WEATHER BUREAU STATION, BOSTON.

For the month of January, 1896, as reported by J. W. SMITH, L. F. O.

DATE.	DAILY MEAN BAROMETER.	DAILY MEAN TEMPERATURE.	DAILY MEAN HUMIDITY.	PREVAILING DIRECTION OF WIND.	DAILY RAIN FALL.	GENERAL ITEMS.	
1	29.74	32	80	W.	.00	Mean Barometer, 30.03.	
2	29.94	34	82	S.W.	.00	Highest Barometer, 30.38, on the 16th.	
3	29.51	36	78	S.W.	.01	Lowest Barometer, 29.47, on the 3d.	
4	29.54	18	52	N.W.	.00	Monthly Range of Barometer, 0.91.	
5	30.24	12	60	W.	.00	Mean Temperature, 25.0.	
6	30.49	-2	53	N.W.	.00	Highest Temperature, 45.0, on the 3d.	
7	30.32	7	90	N.W.	.06	Lowest Temperature, -10, on the 6th.	
8	30.17	14	58	N.W.	.04	Monthly Range of Temperature, 55.0.	
9	30.07	21	100	N.W.	.11	Greatest Daily Range of Temperature, 25.0 on the 12th.	
10	30.09	22	68	N.	.49	Least Daily Range of Temperature, 4.0 on the 18th.	
11	30.18	23	77	N.	.00	Mean Daily Range of Temperature, 12.0.	
12	30.02	24	90	W.	.06	Mean Daily Dew-point, 17.0.	
13	30.08	30	66	W.	.01	Mean Daily Relative Humidity, 73.0.	
14	30.12	25	73	W.	.00	Prevailing Direction of Wind, N.W.	
15	30.36	22	61	N.W.	.00	Total Movement of Wind, 9,219 Miles.	
16	30.40	22	79	N.W.	.00	Highest Velocity of Wind and Direction, 40 miles N.E. on the 24th.	
17	30.31	30	70	E.	.00	Number of Foggy Days, 0.	Number of Fair Days, 1.
18	30.14	30	76	N.	.00	Number of Clear Days, 2.	Number of Cloudy Days, 8.
19	30.23	28	80	N.	.01	Total Number of Days on which Rain or Snow fell, 11.	
20	30.28	22	89	N.	.03	Depth of unmelted Snow on ground at end of month, 0.	
21	30.18	28	74	N.	.00	Dates of Auroras, 3d.	
22	30.33	30	80	N.W.	.00	Dates of Solar Halos, 11th, 17th.	
23	30.48	28	80	E.	.00	Dates of Lunar Halos, 1st, 2d, 27th.	
24	30.02	35	90	E.	1.16	Thunder storm, 0.	
25	29.98	32	95	N.	.27	Mean Max. Temp., 31.0.	Dates of Frosts, 0
26	30.08	32	86	N.	T	Mean Min. Temp., 19.0.	
27	29.92	33	92	N.W.	.00	COMPARATIVE TEMPERATURE.	COMPARATIVE PRECIPITATIONS.
28	30.14	24	58	N.W.	.00	1871 26	1871 0.92 In.
29	30.32	20	63	N.W.	.00	1872 27	1872 2.11
30	30.20	33	79	N.W.	.00	1873 26	1873 5.76
31	30.39	26	62	N.W.	.00	1874 31	1874 4.32
TOTALS	—	—	—	—	2.25	1875 20	1875 3.68
MEANS	30.03	25	73	N.W.	.072	1876 30	1876 1.87
						1877 23	1877 3.33
						1878 28	1878 7.60
						1879 24	1879 2.79
						1880 35	1880 3.72
						1881 22	1881 7.21
						1882 26	1882 3.68
						1883 25	1883 3.59
						1884 24	1884 6.27
						1885 27	1885 5.33
						1886 26	1886 7.08
						1887 26	1887 4.86
						1888 20	1888 2.26
						1889 36	1889 4.11
						1890 32	1890 2.00
						1891 31	1891 4.39
						1892 28	1892 4.62
						1893 21	1893 2.56
						1894 30	1894 3.01
						1895 29	1895 3.79
						1896 25	1896 2.25

Average mean temperature for 26 years, 27.0.

Average monthly precipitation, for 26 years, 3.89.

*T indicates trace of precipitation.

HEALTH DEPARTMENT OF THE CITY OF BOSTON.

Statement of Deaths for the month of February, 1896.

With an enumeration of the more prominent causes; accompanied by an abstract of Meteorological Observations.

Published by order of the Board of Health.

SAMUEL H. DURGIN, M.D.,

Chairman.

Deaths during the month of February, 1896, 928

Population estimated at 501,083.

Rate per 1,000 inhabitants, 22.22

Total number 928

SEX.

Males 470

Females 458

CONDITION.

Married 311

Single 472

Widows 99

Widowers 28

Unknown 18

COLOR.

White 901

Colored 27

Total deaths of children { Under 1 year 163
Under 2 years 199
Under 5 years 266

Diarrhœal diseases { Under 1 year 1
Under 2 years 1
Under 5 years 1
All ages 2

NATIVITY.

United States 593

Ireland 183

England 26

Scotland 8

Germany 13

British America 52

Italy 10

Russia 8

Other Countries 14

Unknown 21

PARENTAGE.

United States 212

Irish 318

English 24

Scotch 15

German 19

British American 53

Italian 26

Russian 24

Other Countries 48

Mixed 76

Unknown 113

Still-births during the month 48

Total Deaths with Principal Causes for the month

CAUSES OF DEATH.	Total Mortality for February, 1896.	Total Mortality for February, 1895.	AGE.																			SEX.				
			Under 3 mos.	3 mos. and under 6 mos.	6 months and under 1 year.	1 year and under 2 yrs.	2 years and under 3 yrs.	3 years and under 4 yrs.	4 years and under 5 yrs.	Total under 5 yrs.	5 years and under 10 yrs.	10 years and under 15 yrs.	15 years and under 20 yrs.	20 years and under 30 yrs.	30 years and under 40 yrs.	40 years and under 50 yrs.	50 years and under 60 yrs.	60 years and under 70 yrs.	70 years and under 80 yrs.	80 years and under 90 yrs.	90 years and under 100 yrs.	100 years and over.	Males.	Females.		
I. ZYMOTICS.																										
ALCOHOLISM	5	7												1	1	2	1							5		
CROUP	5	10		1		2	2			5														4	1	
CARRUNCLE																										
CHOLERA MORBUS																										
CHOLERA INFANTUM																										
CEREBRO-SPINAL MENINGITIS	2	3				1				1					1										2	
CONGESTIVE FEVER																										
DIARRHŒA	2	2	1							1						1								1	1	
DYSENTERY		4																								
DIPHTHERIA	47	55		1	4	6	16	5	5	37	8	1	1											24	23	
ERYSIPELAS	1	3	1							1															1	
INTERMITTENT FEVER																										
INFLUENZA	2	23	1							1							1								2	
MEASLES		1																								
PURPURA		1																								
PUERPERAL FEVER	1	2											1												1	
PYŒMIA	1																1								1	
REMITTENT FEVER																										
RHEUMATISM	1	3														1									1	
SCARLATINA	8	12				1	1	2		4	4													3	5	
SMALL POX																										
SYPHILIS (CONGENITAL)	2	1	2							2															2	
SYPHILIS	1	1													1									1		
SEPTICŒMIA	4	3											1				1		1	1				4		
TONSILLITIS																										
TYPHOID FEVER	6	3									1		1	2	1			1						2	4	
TYPHUS FEVER																										
WHOOPING COUGH	3	1	1		1	1				3															3	
YELLOW FEVER																										
OTHER ZYMOTIC DISEASES		1																								
II. CONSTITUTIONAL.																										
CANCER	32	23														2	2	9	7	6	5	1			8	24
HYDROCEPHALUS AND TUBERC. MENINGITIS	17	18	1	2	6	2	2	1	2	16	1														8	9
MARASMUS, SCROFULA & TABES MESENTERICA	19	18	10	5		1				16		1	1							1					12	7
PHthisis PULMONALIS	122	120				2				2	1	3	10	34	36	19	11	4	1	1					70	52
OTHER CONSTITUTIONAL DISEASES	17	25				1				1	1		2	6	3	1	2	1							9	8

of February, Classified by Cause, Age and Sex.

CAUSES OF DEATH.	AGE.																						SEX.	
	Total Mortality for February, 1896.	Total Mortality for February, 1895.	Under 3 mos.	3 mos. and under 6 mos.	6 mos. and under 1 year.	1 year and under 2 yrs.	2 years and under 3 yrs.	3 years and under 4 yrs.	4 years and under 5 yrs.	Total under 5 years.	5 years and under 10 yrs.	10 years and under 15 yrs.	15 years and under 20 yrs.	20 years and under 30 yrs.	30 years and under 40 yrs.	40 years and under 50 yrs.	50 years and under 60 yrs.	60 years and under 70 yrs.	70 years and under 80 yrs.	80 years and under 90 yrs.	90 years and under 100 yrs.	100 years and over.	Males.	Females.
III. LOCAL.																								
Apoplexy	47	30	1	1						2						5	17	12	8	3			13	34
Bright's Disease	15	14						1	1	2		1	1	1	1	2	1	1	4	1			7	8
Bronchitis	41	69	9	6	3	5	2		1	26			1	1			4	5	2	1	1		21	20
Heart Disease	71	90	1		1					2			1	5	9	10	10	18	13	2	1		36	35
Meningitis	24	25	2	2	7	5		1	2	19		1	1	1	1	1							14	10
Nephritis	22	15													3	3	11	2	2	1			12	10
Pleurisy		1																						
Pneumonia	160	219	13	2	9	4	11	4	1	44	5	1	2	20	18	22	16	19	10	3			93	67
Other Local Diseases	124	113	16	3	5	4			4	32	2	2	1	12	13	13	14	16	11	7	1		51	73
IV. DEVELOPMENTAL.																								
Cyanosis	1	1	1							1														1
Inanition	11	9	11							11													6	5
Old Age	23	29																	9	11	3		8	15
Premature Birth	11	9	11							11													7	4
Puerp'l Diseases (not includ'g Puerp'l Fever,	3	1												2	1									3
Other Developmental Disease	23	20	14		4			1		19								2	1	1			15	8
V. VIOLENT.																								
Accidental	31	28	2		1	2				5	1			6	12	3	1	2			1		24	7
Homicidal	1	1													1									1
Suicidal	12	3												2	4		1	4					8	4
Other Violent Causes	2	4												2									1	1
Unknown Causes	8	2	2							2						1	1	1	3				3	5
TOTAL FROM ALL CAUSES	928	1028	100	23	40	36	36	15	16	266	23	11	23	102	109	100	91	94	70	32	7		470	458
TOTAL FROM ZYMOTIC DISEASES	91	136																						
INCLUDING TUBERCULAR DISEASES	268	313	6	2	5	11	19	7	5	55	13	1	3	4	5	3	4	1	1	1			44	47
TOTAL FROM CONSTITUTIONAL DISEASES	207	209	11	7	6	6	2	1	2	35	3	4	13	42	41	29	20	11	7	2			107	100
" " LOCAL do.	504	576	42	14	25	18	13	6	9	127	7	5	7	43	45	64	64	73	49	17	3		247	257
" " DEVELOPMENTAL do.	72	69	37		4			1		42				2	1			2	10	12	3		36	36
" " VIOLENT CAUSES	46	36	2			1	2			5	1			11	17	3	2	6			1		33	13

Comparative Statement of Cases of Contagious Disease reported to the Board of Health for the month of February, 1896, and for the corresponding month in 1895.

CASES REPORTED DURING FEBRUARY, 1896.			CASES REPORTED DURING FEBRUARY, 1895.		
	City.	Quarantine.		City.	Quarantine.
Diphtheria	403	....	Diphtheria	294	....
Measles	109	....	Measles	150	..
Small Pox . . . . .	....	....	Small Pox . . . . .	....	..
Scarlatina	99	....	Scarlatina	174	....
Typhoid Fever	19	....	Typhoid Fever	16	....
Typhus Fever . . . . .	....	....	Typhus Fever . . . . .	....	....
Yellow Fever . . . . .	....	....	Yellow Fever . . . . .	....	....

METEOROLOGICAL OBSERVATIONS TAKEN AT THE WEATHER BUREAU STATION, BOSTON.

For the month of February, 1896, as reported by J. W. SMITH, L. F. O.

DATE.	DAILY MEAN BAROMETER.	DAILY MEAN TEMPERATURE.	DAILY MEAN HUMIDITY.	PREVAILING DIRECTION OF WIND.	DAILY RAIN FALL.	GENERAL ITEMS.
1	29.90	32	97	S.E.	.62	Mean Barometer, 29.85.
2	29.66	31	78	N.W.	.00	Highest Barometer, 30.44, on the 17th.
3	29.97	25	70	N.	T	Lowest Barometer, 28.89, on the 6th.
4	29.90	30	93	N., N.E.	.06	Monthly Range of Barometer, 1.546.
5	30.00	34	98	E.	.10	Mean Temperature, 28.7.
6	29.38	43	97	E.	1.40	Highest Temperature, 56.0, on the 28th.
7	29.25	41	72	W.	.08	Lowest Temperature, -11, on the 17th.
8	29.90	38	68	W., N.W.	.00	Monthly Range of Temperature, 67.0.
9	29.62	32	98	E.	.48	Greatest Daily Range of Temperature, 41.0 on the 16th.
10	29.64	30	62	W.	T	Least Daily Range of Temperature, 5.0 on the 5th.
11	29.56	32	67	W.	T	Mean Daily Range of Temperature, 16.2.
12	30.10	28	56	W.	.00	Mean Daily Dew-point, 20.0.
13	29.88	30	80	N.W.	.44	Mean Daily Relative Humidity, 73.2.
14	29.82	30	66	N.W.	.09	Prevailing Direction of Wind, N.W.
15	29.98	36	60	S.W.	.00	Total Movement of Wind, 10,459 Miles.
16	30.05	22	79	N.W.	.14	Highest Velocity of Wind and Direction, 58 miles S.E. on the 6th.
17	30.43	-2	62	N.W.	.00	Number of Foggy Days, 0.
18	30.16	12	85	N.	T	Number of Clear Days, 11.
19	29.56	23	98	N.	.11	Total Number of Days on which Rain or Snow fell, 12.
20	29.59	19	64	W.	.64	Depth of unmelted Snow on ground at end of month, 0.
21	29.98	19	62	N.W.	.00	Dates of Auroras, 8th.
22	30.18	18	48	W.	.00	Dates of Solar Halos,
23	29.88	36	58	W.	.00	Dates of Lunar Halos, 21st.
24	29.78	40	59	W.	.00	Thunder storm, 0.
25	29.94	20	46	N.W.	.00	Mean Max. Temp., 36.8.
26	29.86	16	58	S.	.00	Mean Min. Temp., 20.6.
27	29.94	28	66	W.	.00	COMPARATIVE TEMPERATURE.
28	30.01	42	84	S.W., S.	.00	1871 29
29	29.84	44	95	S.E.	.38	1872 28
						1873 27
						1874 28
						1875 22
						1876 27
						1877 32
						1878 29
						1879 24
						1880 32
						1881 28
						1882 30
						1883 29
						1884 31
						1885 20
						1886 27
						1887 29
						1888 28
						1889 26
						1890 33
						1891 32
						1892 28
						1893 27
						1894 27
						1895 25
						1896 29
TOTALS	—	—	—	—	3.94	COMPARATIVE PRECIPITATIONS.
MEANS	29.85	28.7	73.2	N.W.	.135	1871 2.63 In.
						1872 2.81
						1873 3.21
						1874 3.41
						1875 3.74
						1876 4.54
						1877 0.45
						1878 4.40
						1879 4.35
						1880 4.11
						1881 4.89
						1882 4.77
						1883 2.74
						1884 5.74
						1885 8.00
						1886 7.04
						1887 3.69
						1888 2.36
						1889 1.54
						1890 2.29
						1891 3.66
						1892 2.15
						1893 6.22
						1894 3.15
						1895 1.11
						1896 3.94

Average mean temperature for 26 years, 28.0.

Average monthly precipitation, for 26 years, 3.52.

*T indicates trace of precipitation.

HEALTH DEPARTMENT OF THE CITY OF BOSTON.

Statement of Deaths for the month of March, 1896.

With an enumeration of the more prominent causes; accompanied by an abstract of Meteorological Observations.

Published by order of the Board of Health.

SAMUEL H. DURGIN, M.D.,

Rec'd MAY Chairman.

Deaths during the month of March, 1896, 1048

Population estimated at 501,083.

Rate per 1,000 inhabitants, 25.09

Total number 1048

SEX.

Males 530

Females 518

CONDITION.

Married 326

Single 565

Widows 108

Widowers 45

Unknown 4

COLOR.

White 1023

Colored 25

Total deaths of children { Under 1 year 207
Under 2 years 273
Under 5 years 346

Diarrhoeal diseases { Under 1 year 1
Under 2 years 1
Under 5 years 1
All ages 1

NATIVITY.

United States 690

Ireland 191

England 28

Scotland 13

Germany 16

British America 72

Italy 11

Russia 6

Other Countries 15

Unknown 6

PARENTAGE.

United States 251

Irish 328

English 28

Scotch 21

German 23

British American 75

Italian 36

Russian 26

Other Countries 62

Mixed 86

Unknown 112

Still-births during the month 51

Total Deaths with Principal Causes for the month

CAUSES OF DEATH.	AGE.																			SEX.				
	Total Mortality for March, 1896.	Total Mortality for March, 1895.																		Males.	Females.			
			Under 3 mos.	3 mos. and under 6 mos.	6 months and under 1 year.	1 year and under 2 yrs.	2 years and under 3 yrs.	3 years and under 4 yrs.	4 years and under 5 yrs.	Total under 5 years.	5 years and under 10 yrs.	10 years and under 15 yrs.	15 years and under 20 yrs.	20 years and under 30 yrs.	30 years and under 40 yrs.	40 years and under 50 yrs.	50 years and under 60 yrs.	60 years and under 70 yrs.	70 years and under 80 yrs.			80 years and under 90 yrs.	90 years and under 100 yrs.	100 years and over.
I. ZYMOTICS.																								
ALCOHOLISM	5	6												1	3		1						4	1
CROUP	10	5			1	2	2	3	1	9	1											3	7	
CARBUUNCLE																								
CHOLERA MORBUS																								
CHOLERA INFANTUM	1	3		1						1													1	
CEREBRO-SPINAL MENINGITIS	2	3	1		1					2													2	
CONGESTIVE FEVER																								
DIARRHŒA		2																						
DYSENTERY																								
DIPHTHERIA	38	29	1		2	11	6	2	7	28	5	1	1	2	1							15	23	
ERYSIPELAS	3	3		1						1								2				2	1	
INTERMITTENT FEVER	1																	1				1		
INFLUENZA	4	23	1							1		1				1				1		1	3	
MEASLES	2	2			2					2												1	1	
PURPURA	4	4	1			1				2				1					1			2	2	
PUERPERAL FEVER.	6													3	2	1							6	
PYÆMIA	1																	1				1		
REMITTENT FEVER																								
RHEUMATISM	2	3													2							1	1	
SCARLATINA	17	14			1	2	4	3	3	13	4											6	11	
SMALL POX																								
SYPHILIS (CONGENITAL)	9	3	6	2	1					9												5	4	
SYPHILIS		1																						
SEPTICÆMIA	7	7			1					1				2	2		2					3	4	
TONSILLITIS																								
TYPHOID FEVER.	2	6												2								2		
TYPHUS FEVER																								
WHOOPING COUGH	5	4	2		2	1				5												1	4	
YELLOW FEVER																								
OTHER ZYMOTIC DISEASES		1																						
II. CONSTITUTIONAL.																								
CANCER	48	33				1				1				1	3	11	18	7	7			12	36	
HYDROCEPHALUS AND TUBERC. MENINGITIS	21	23	1		1	4	4	3	1	14	5		1				1					6	15	
MARASMUS, SCROFULA & TABES MESENTERICA	25	18	15	3	4	1				23	1						1	1				15	11	
PHTHISIS PULMONALIS	97	125	1		1	2	2			6		1	5	25	25	16	10	1				54	43	
OTHER CONSTITUTIONAL DISEASES	29	28		2	1	2				7		1	1	8	4	1	3	1	2	1		17	12	

of March, Classified by Cause, Age and Sex.

CAUSES OF DEATH.	Total Mortality for March, 1896.	Total Mortality for March, 1895.	AGE.																				SEX.													
			Under 3 mos.	3 mos. and under 6 mos.	6 mos. and under 1 year.	1 year and under 2 yrs.	2 years and under 3 yrs.	3 years and under 4 yrs.	4 years and under 5 yrs.	Total under 5 years.	5 years and under 10 yrs.	10 years and under 15 yrs.	15 years and under 20 yrs.	20 years and under 25 yrs.	25 years and under 30 yrs.	30 years and under 35 yrs.	35 years and under 40 yrs.	40 years and under 45 yrs.	45 years and under 50 yrs.	50 years and under 55 yrs.	55 years and under 60 yrs.	60 years and under 65 yrs.	65 years and under 70 yrs.	70 years and under 75 yrs.	75 years and under 80 yrs.	80 years and under 85 yrs.	85 years and under 90 yrs.	90 years and under 95 yrs.	95 years and under 100 yrs.	100 years and over.	Males.	Females.				
III. LOCAL.																																				
APoplexy	37	68	1							1	1			1	3	5	6	5	11	2												13	24			
Bright's Disease	11	13												3	2	1	3	2														4	7			
BRonCHITIS	50	59	8	7	7	3				25	1				2	2	4	7	5	4													23	27		
HEART DISEASE	80	93	2		1	1				4	1	2		7	7	11	16	16	12	3		1												46	34	
MENINGITIS	32	26	2	6	3	6	4	1	1	23	3	1		3	1			1																18	14	
NEPHRITIS	25	24			1					1				5	6	1	3	7	1	1														8	17	
PLEURISY	1	1														1																		1		
PNEUMONIA	193	142	11	9	17	23	8	5	3	76	1	1	1	12	26	22	20	21	8	5														110	83	
OTHER LOCAL DISEASES	158	115	15	3	4	4	4	1	1	32		6	3	15	20	18	20	16	21	6	1													83	75	
IV. DEVELOPMENTAL.																																				
CYANOSIS	2	1	2							2																									2	
INANITION	12	10	10	1	1					12																								8	4	
OLD AGE	18	27															1	1	5	7	4													5	13	
PREMATURE BIRTH	13	17	13							13																								9	4	
PUERP'L DISEASES (not includ'g Puerp'l Fever)	2	1													2																				2	
OTHER DEVELOPMENTAL DISEASES	30	24	20	2	2			1		25				1				2	1	1														20	10	
V. VIOLENT.																																				
ACCIDENTAL	26	34	2	1					1	4	2			3	5	3	3	2	2	2														19	7	
HOMICIDAL		2																																		
SUICIDAL	6	8												2	2	2																		6		
OTHER VIOLENT CAUSES	6	3												2	2	1	1																	1	5	
UNKNOWN CAUSES	6	2	1	1		1				3			1				1		1															4	2	
TOTAL FROM ALL CAUSES	1048	1007	116	39	52	66	34	19	20	346	25	14	13	109	119	96	116	92	79	53	5	1												320	518	
TOTAL FROM ZYMOTIC DISEASES	119	119												1	11	10	2	3	2	3	1														48	71
INCLUDING TUBERCULAR DISEASES	280	315	12	4	9	18	12	8	11	74	10	2	1	11	10	2	3	2	3	1																
TOTAL FROM CONSTITUTIONAL DISEASES	221	228	17	5	7	10	6	3	3	51	6	2	7	44	30	28	33	10	9	1															104	117
" " LOCAL do.	587	531	39	25	33	37	16	7	5	162	7	10	4	46	68	60	74	75	38	21	1	1													306	281
" " DEVELOPMENTAL do.	77	80	45	3	3			1		52				1	2		1	3	6	8	4														42	35
" " VIOLENT CAUSES	38	47	2	1					1	4	2			7	9	6	4	2	2	2															26	12

Comparative Statement of Cases of Contagious Disease reported to the Board of Health for the month of March, 1896, and for the corresponding month in 1895.

CASES REPORTED DURING MARCH, 1896.			CASES REPORTED DURING MARCH, 1895.		
	City.	Quarantine.		City.	Quarantine.
Diphtheria	302	....	Diphtheria	205	....
Measles	200	....	Measles	437	....
Small Pox . . . . .	....	....	Small Pox . . . . .	....	....
Scarlatina	104	....	Scarlatina	184	....
Typhoid Fever	27	....	Typhoid Fever	19	....
Typhus Fever . . . . .	....	....	Typhus Fever . . . . .	....	....
Yellow Fever . . . . .	....	....	Yellow Fever . . . . .	....	....

METEOROLOGICAL OBSERVATIONS TAKEN AT THE WEATHER BUREAU STATION, BOSTON.
For the month of March, 1896, as reported by J. W. SMITH, L. F. O.

DATE.	DAILY MEAN BAROMETER.	DAILY MEAN TEMPERATURE.	DAILY MEAN HUMIDITY.	PREVAILING DIRECTION OF WIND.	DAILY RAIN FALL.	GENERAL ITEMS.
1	29.44	43	98	S.E.	.99	Mean Barometer, 29.91.
2	29.44	34	97	N.W.	.52	Highest Barometer, 30.52, on the 24th.
3	29.40	25	82	N.W.	.30	Lowest Barometer, 29.02, on the 12th.
4	29.56	18	68	N.W.	.06	Monthly Range of Barometer, 1.50.
5	29.76	21	00	N.W.	T	Mean Temperature, 31.8.
6	30.04	25	66	N.W.	.00	Highest Temperature, 64.0, on the 26th.
7	29.76	34	85	S.E.	.34	Lowest Temperature, 12.0, on the 14th.
8	29.62	32	75	W.	.00	Monthly Range of Temperature, 52.0.
9	29.78	28	70	W.	.00	Greatest Daily Range of Temperature, 27.0 on the 20th.
10	29.86	30	65	W.	.00	Least Daily Range of Temperature, 6.0 on the 7th.
11	29.61	30	100	N.E.	.24	Mean Daily Range of Temperature, 14.7.
12	29.38	23	71	W.	.32	Mean Daily Dew-point, 23.0.
13	30.24	20	56	W.	.00	Mean Daily Relative Humidity, 71.0.
14	30.48	20	49	W.	.00	Prevailing Direction of Wind, W.
15	30.40	23	75	W.	T	Total Movement of Wind, 12,233 Miles.
16	29.93	30	99	N.E.	1.09	Highest Velocity of Wind and Direction, 50 miles N.E. on the 11th.
17	29.89	33	70	N.W.	.16	Number of Foggy Days, 0.
18	30.32	34	61	W.	.00	Number of Fair Days, 9.
19	29.96	42	94	S.	.41	Number of Clear Days, 12.
20	29.48	38	74	W.	.11	Total Number of Days on which Rain or Snow fell, 15.
21	30.09	34	41	W.	.00	Depth of unmelted Snow on ground at end of month, 0.
22	30.10	40	68	S.W.	.00	Dates of Auroras, 13th.
23	30.46	24	72	N.E.	.03	Dates of Solar Halos, 10, 15, 18, 28.
24	30.52	23	69	E.	.02	Dates of Lunar Halos, 0.
25	30.28	35	74	S.W.	.00	Thunder storm, 0.
26	29.64	51	83	S.W.	.00	Mean Max. Temp., 29.1.
27	29.74	32	56	W.	.00	Dates of Frosts, 0.
28	30.18	34	43	N.W.	.60	Mean Min. Temp., 24.4.
29	30.09	35	80	N.	.62	COMPARATIVE TEMPERATURE.
30	29.90	38	96	N.	.20	1871 42
31	30.05	48	48	N.W.	.00	1872 27
TOTALS	—	—	—	—	6.41	1873 35
MEANS	29.91	31.8	71	W.	.174	1874 35
						1875 31
						1876 33
						1877 34
						1878 39
						1879 33
						1880 33
						1881 36
						1882 35
						1883 51
						1884 34
						1885 28
						1886 34
						1887 32
						1888 32
						1889 38
						1890 35
						1891 34
						1892 33
						1893 34
						1894 42
						1895 35
						1896 32

Average mean temperature for 26 years, 34.

Average monthly precipitation, for 26 years, 4.15.

*T indicates trace of precipitation.

HEALTH DEPARTMENT OF THE CITY OF BOSTON.

Statement of Deaths for the month of April, 1896.

With an enumeration of the more prominent causes; accompanied by an abstract of Meteorological Observations.

Published by order of the Board of Health.

SAMUEL H. DURGIN, M.D.,
Chairman.

Deaths during the month of April, 1896, 1019

Population estimated at 501,083.

Rate per 1,000 inhabitants, 24.40

Total number 1019

SEX.

Males 554

Females 465

CONDITION.

Married 326

Single 517

Widows 122

Widowers 49

Unknown 5

COLOR.

White 991

Colored 28

Total deaths of children { Under 1 year 170
Under 2 years 215
Under 5 years 279

Diarrhoeal diseases { Under 1 year 1
Under 2 years 1
Under 5 years 1
All ages 3

NATIVITY.

United States 653

Ireland 196

England 17

Scotland 15

Germany 16

British America 67

Italy 13

Russia 8

Other Countries 23

Unknown 11

PARENTAGE.

United States 241

Irish 348

English 16

Scotch 16

German 25

British American 48

Italian 29

Russian 17

Other Countries 78

Mixed 89

Unknown 112

Still-births during the month 48

Total Deaths with Principal Causes for the month

CAUSES OF DEATH.	Total Mortality for April, 1896.	Total Mortality for April, 1895.	AGE.																			SEX.				
			Under 3 mos.	3 mos. and under 6 mos.	6 months and under 1 year.	1 year and under 2 yrs.	2 years and under 3 yrs.	3 years and under 4 yrs.	4 years and under 5 yrs.	Total under 5 yrs.	5 years and under 10 yrs.	10 years and under 15 yrs.	15 years and under 20 yrs.	20 years and under 30 yrs.	30 years and under 40 yrs.	40 years and under 50 yrs.	50 years and under 60 yrs.	60 years and under 70 yrs.	70 years and under 80 yrs.	80 years and under 90 yrs.	90 years and under 100 yrs.	100 years and over.	Males.	Females.		
I. ZYMOTICS.																										
ALCOHOLISM	6	3												2		4							6			
CROUP	5	4			1		3	1		5													2	3		
CARUNCLE																										
CHOLERA MORBUS	1															1								1		
CHOLERA INFANTUM		1																								
CEREBRO-SPINAL MENINGITIS	2	2									1			1										2		
CONGESTIVE FEVER																										
DIARRHŒA	1			1						1													1			
DYSENTERY	1	1												1									1			
DIPHTHERIA	42	37		2	1	2	10	7	7	29	7	1		2	1	2							26	16		
ERYSIPELAS	1	9																	1					1		
INTERMITTENT FEVER																										
INFLUENZA	3	8										1						1	1	1			2	1		
MEASLES	2	3				2				2													1	1		
PURPURA	3	1		1	1					2	1												2	1		
PURPERAL FEVER	1	3													1									1		
PYŒMIA	1	1											1											1		
REMITTENT FEVER																										
RHEUMATISM	3														1			1	1					3		
SCARLATINA	11	12				3	4	1	1	9	2												9	2		
SMALL POX																										
SYPHILIS (CONGENITAL)	3	3	3							3													3			
SYPHILIS																										
SEPTICŒMIA	3	8												1		2							2	1		
TONSILLITIS	1																			1				1		
TYPHOID FEVER	5	7									2			2				1					2	3		
TYPHUS FEVER																										
WHOOPING COUGH	6	3		4	2					6														6		
YELLOW FEVER																										
OTHER ZYMOTIC DISEASES																										
II. CONSTITUTIONAL.																										
CANCER	20	26												1	5	3	9	7	3	2			11	19		
HYDROCEPHALUS AND TUBERC. MENINGITIS	14	18	7	8	1	2		1		13	1				2								12	4		
MARASMUS, SCROFULA & TABES MESENTERICA	18	29	8	4	3					15							1		1	1			9	9		
PHTHISIS PULMONALIS	129	108			1	1				2	1	2	13	21	45	18	10	4	4				69	51		
OTHER CONSTITUTIONAL DISEASES	28	15	1	1		1				3	2	2	4	6	4	4	1	1	1				11	17		

of April, Classified by Cause, Age and Sex.

CAUSES OF DEATH.	Total Mortality for April, 1896.	Total Mortality for April, 1895.	AGE.																				SEX.										
			Under 3 mos.	3 mos. and under 6 mos.	6 mos. and under 1 year.	1 year and under 2 yrs.	2 years and under 3 yrs.	3 years and under 4 yrs.	4 years and under 5 yrs.	Total under 5 years.	5 years and under 10 yrs.	10 years and under 15 yrs.	15 years and under 20 yrs.	20 years and under 25 yrs.	25 years and under 30 yrs.	30 years and under 35 yrs.	35 years and under 40 yrs.	40 years and under 45 yrs.	45 years and under 50 yrs.	50 years and under 55 yrs.	55 years and under 60 yrs.	60 years and under 65 yrs.	65 years and under 70 yrs.	70 years and under 75 yrs.	75 years and under 80 yrs.	80 years and under 85 yrs.	85 years and under 90 yrs.	90 years and under 100 yrs.	100 years and over.	Males.	Females.		
III. LOCAL.																																	
APoplexy	26	24											1	2	1	4	5	6	5	2											14	12	
Bright's Disease	9	9										1				1	1	2	4												4	5	
BRonchitis	41	47	4	3	8	4	1			20			1		1	4	1	3	5	3	3										22	19	
HEART Disease	96	80						2		2	4	1	2	9	8	19	13	17	13	8											41	55	
MENINGITIS	35	28	2	3	11	3	3	1	1	24	2		1	3	2	3															19	16	
NEPHRITIS	35	17				1				1				4	3	8	7	8	3	1											21	14	
PLEURISY	4	1				1	1			2				2																	1	3	
PNEUMONIA	214	165	6	5	18	14	8	4	2	57	1	2	6	21	26	30	31	22	15	3											122	92	
OTHER LOCAL DISEASES	125	116	17	6	1	6	3		1	34	1		6	12	8	10	11	16	16	10	1										56	69	
IV. DEVELOPMENTAL.																																	
CYANOSIS	1	1	1							1																						1	
INFANTION	7	4	6		1					7																					3	4	
OLD AGE	22	16																	2	11	8	1									10	12	
PREMATURE BIRTH	11	18	11							11																						7	4
PUERP'L DISEASES (not includ'g Puerp'l Fever)	2	6												1	1																	2	
OTHER DEVELOPMENTAL DISEASES	26	24	19		1	3				23						1			1	1											19	7	
V. VIOLENT.																																	
ACCIDENTAL	35	33				1		1	1	3	4		2	5	11	3	3	2	1	1											30	5	
HOMICIDAL	1	1														1																1	
SUICIDAL	9	8											1	1	2	1	1	3													9		
OTHER VIOLENT CAUSES	2	5															1		1												2		
UNKNOWN CAUSES	5	5	2	1		1				4																	1				5		
TOTAL FROM ALL CAUSES	1019	900	81	39	50	45	33	18	13	279	29	9	38	97	123	119	94	97	86	43	5										554	465	
TOTAL FROM ZYMOTIC DISEASES	101	106																															
INCLUDING TUBERCULAR DISEASES	281	242	3	8	5	7	17	9	8	57	13	1	1	9	3	9		3	3	2											57	41	
TOTAL FROM CONSTITUTIONAL DISEASES	212	196	10	13	5	4		1		33	4	4	17	23	56	25	21	12	9	3											112	100	
" " LOCAL do.	585	477	29	17	38	20	16	7	4	140	8	4	17	53	49	79	69	74	61	27	4										300	285	
" " DEVELOPMENTAL do.	69	69	37		2	3				42				1	1	1		2	12	9	1										39	30	
" " VIOLENT CAUSES	47	47				1		1	1	3	4		3	6	14	5	4	6	1	1											41	6	

Comparative Statement of Cases of Contagious Disease reported to the Board of Health for the month of April, 1896, and for the corresponding month in 1895.

CASES REPORTED DURING APRIL, 1896.			CASES REPORTED DURING APRIL, 1895.		
	City.	Quarantine.		City.	Quarantine.
Diphtheria	304	....	Diphtheria	191	....
Measles	344	....	Measles	670	..
Small Pox . . . . .	....	....	Small Pox . . . . .	....	..
Scarlatina	108	....	Scarlatina	139	....
Typhoid Fever	30	....	Typhoid Fever	31	....
Typhus Fever . . . . .	....	....	Typhus Fever . . . . .	....	....
Yellow Fever . . . . .	....	....	Yellow Fever . . . . .	....	....

METEOROLOGICAL OBSERVATIONS TAKEN AT THE WEATHER BUREAU STATION, BOSTON

For the month of April, 1896, as reported by J. W. SMITH, L. F. O.

DATE.	DAILY MEAN BAROMETER.	DAILY MEAN TEMPERATURE.	DAILY MEAN HUMIDITY.	PREVAILING DIRECTION OF WIND.	DAILY RAIN FALL.	GENERAL ITEMS.
1	30.16	40	65	E.	.00	Mean Barometer, 30.12. Highest Barometer, 30.51, on the 9th. Lowest Barometer, 29.50, on the 2d. Monthly Range of Barometer, 1.01. Mean Temperature, 47.0. Highest Temperature, 84.0, on the 13th. Lowest Temperature, 25.0, on the 4th. Monthly Range of Temperature, 59.0. Greatest Daily Range of Temperature, 41.0 on the 15th, 18th. Least Daily Range of Temperature, 5.0 on the 2d. Mean Daily Range of Temperature, 16.0. Mean Daily Dew-point, 33.0. Mean Daily Relative Humidity, 62.0. Prevailing Direction of Wind, E. Total Movement of Wind, 8,260 Miles. Highest Velocity of Wind and Direction, 40 miles W. on the 3d. Number of Foggy Days, 0. Number of Fair Days, 9. Number of Clear Days, 13. Total Number of Days on which Rain or Snow fell, 8. Depth of unmelted Snow on ground at end of month, 0. Dates of Auroras, 0. Dates of Solar Halos, 1st, 11th, 24th, 29th. Dates of Lunar Halos, 24th. Thunder storm, 19th. Mean Max. Temp., 55.4. Mean Min. Temp., 39.1.
2	29.66	38	94	E.	.61	
3	29.56	30	49	W.	T	
4	29.72	30	48	N.W.	.00	
5	30.11	37	54	N.W.	.00	
6	30.16	38	76	N.W.	.00	
7	30.24	36	69	N.E.	.04	
8	30.46	34	52	N.	.00	
9	30.42	40	36	N.W.	.00	
10	30.32	42	31	W.	.00	
11	30.22	48	52	W.	.00	
12	30.30	48	52	E.	.00	
13	30.00	64	54	S.W.	.00	
14	30.05	44	92	N.E.	.00	
15	30.09	62	54	W.	.00	
16	30.04	68	60	W.	.00	
17	30.10	50	82	N.E.	.11	
18	30.00	62	84	N.W.	.07	
19	30.04	60	76	E.	.05	
20	30.00	68	36	W.	.84	
21	29.86	52	72	E.	.08	
22	29.90	40	79	N.	.28	
23	30.11	52	50	N.W.	.00	
24	30.22	50	46	E.	.00	
25	30.20	45	56	E.	.00	
26	30.29	43	82	E.	.00	
27	30.45	42	84	E.	.00	
28	30.32	52	72	S.W.	.00	
29	30.20	52	60	E.	.00	
30	30.25	48	33	N.E.	.00	
TOTALS	—	—	—	—	1.56	
MEANS	30.12	47	62	E.	.052	
						COMPARATIVE TEMPERATURE.
						1871 47
						1872 45
						1873 47
						1874 37
						1875 42
						1876 43
						1877 44
						1878 47
						1879 42
						1880 46
						1881 43
						1882 42
						1883 44
						1884 43
						1885 46
						1886 43
						1887 44
						1888 42
						1889 48
						1890 46
						1891 48
						1892 48
						1893 44
						1894 47
						1895 46
						1896 47
						COMPARATIVE PRECIPITATIONS.
						1871 3.79 In.
						1872 1.31
						1873 3.83
						1874 7.97
						1875 4.92
						1876 3.61
						1877 4.19
						1878 6.14
						1879 6.58
						1880 2.85
						1881 1.66
						1882 2.50
						1883 2.83
						1884 4.76
						1885 3.99
						1886 1.70
						1887 2.62
						1888 2.04
						1889 3.07
						1890 2.29
						1891 1.71
						1892 0.93
						1893 3.13
						1894 3.73
						1895 3.65
						1896 1.56

Average mean temperature for 26 years, 45.

Average monthly precipitation, for 26 years, 3.34.

*T indicates trace of precipitation.

HEALTH DEPARTMENT OF THE CITY OF BOSTON.

Statement of Deaths for the month of May, 1896.

With an enumeration of the more prominent causes; accompanied by an abstract of Meteorological Observations.

Published by order of the Board of Health.

SAMUEL H. DURGIN, M.D.,
Chairman.

Deaths during the month of May, 1896, 967
Population estimated at 501,083. Rate per 1,000 inhabitants, 23.15

Total number 967

SEX.

Males 504

Females 463

CONDITION.

Married 289

Single 517

Widows 112

Widowers 41

Unknown 8

COLOR.

White 937

Colored 30

Total deaths of children { Under 1 year 154
Under 2 years 219
Under 5 years 286

Diarrhoeal diseases { Under 1 year 3
Under 2 years 4
Under 5 years 5
All ages 6

NATIVITY.

United States 614

Ireland 184

England 24

Scotland 6

Germany 16

British America 68

Italy 12

Russia 6

Other Countries 24

Unknown 13

PARENTAGE.

United States 225

Irish 331

English 25

Scotch 12

German 23

British American 59

Italian 43

Russian 20

Other Countries 74

Mixed 63

Unknown 92

Still-births during the month 44

Total Deaths with Principal Causes for the month

CAUSES OF DEATH.	Total Mortality for May, 1896.	Total Mortality for May, 1895.	AGE.																			SEX.		
			Under 3 mos.	3 mos. and under 6 mos.	6 months and under 1 year.	1 year and under 2 yrs.	2 years and under 3 yrs.	3 years and under 4 yrs.	4 years and under 5 yrs.	Total under 5 yrs.	5 years and under 10 yrs.	10 years and under 15 yrs.	15 years and under 20 yrs.	20 years and under 30 yrs.	30 years and under 40 yrs.	40 years and under 50 yrs.	50 years and under 60 yrs.	60 years and under 70 yrs.	70 years and under 80 yrs.	80 years and under 90 yrs.	90 years and under 100 yrs.	100 years and over.	Males.	Females.
I. ZYMOTICS.																								
ALCOHOLISM	6	5												2									6	
CROUP	2	3									2													2
CARRUNCLE																								
CHOLERA MORBUS	1																		1				1	
CHOLERA INFANTUM	3	4	2			1				3													1	2
CEREBRO-SPINAL MENINGITIS	1	1										1											1	
CONGESTIVE FEVER																								
DIARRHŒA	1	5	1							1													1	
DYSENTERY	1								1	1														1
DIPHTHERIA	46	32		1	2	15	6	5	4	33	7	2	2	1	1							19	27	
ERYSIPELAS	6	2				1				1				1	2	1		1				3	3	
INTERMITTENT FEVER																								
INFLUENZA	1	6																			1		1	
MEASLES	3	2			1		2			3												1	2	
PURPURA	1														1								1	
PUERPERAL FEVER.		2																						
PYEMIA																								
REMITTENT FEVER																								
RHEUMATISM	3	4										1				1	1							3
SCARLATINA	10	14					1	2	3	6	3	1										4	6	
SMALL POX																								
SYPHILIS (CONGENITAL)	2	2	2							2														2
SYPHILIS		1																						
SEPTICÆMIA	7	3					1			1			1	2	1	1	1					3	4	
TONSILLITIS.																								
TYPHOID FEVER.	6	11					1			1				3	1	1						2	4	
TYPHUS FEVER																								
WHOOPING COUGH	3	3			1				1	2	1													3
YELLOW FEVER.																								
OTHER ZYMOTIC DISEASES																								
II. CONSTITUTIONAL.																								
CANCER	36	26													5	5	13	9	2	2			16	20
HYDROCEPHALUS AND TUBERC. MENINGITIS	23	24	2	1	5	4	3	3	2	20	2	1											10	13
MARASMUS, SCAPOFULA & TABES MESENTERICA	12	20	4	3	2	2				11								1					6	6
PHTHRIS PULMONALIS	119	127			3	4	1	1	1	10	1	2	11	30	29	15	11	6	3	1			69	50
OTHER CONSTITUTIONAL DISEASES	21	29			1	1			1	3			3	5	2	3	1		4				8	13

of May, Classified by Cause, Age and Sex.

CAUSES OF DEATH.	AGE.																						SEX.	
	Total Mortality for																					Males.	Females.	
	May, 1896.	May, 1895.	Under 3 mos.	3 mos. and under 6 mos.	6 mos. and under 1 year.	1 year and under 2 yrs.	2 years and under 3 yrs.	3 years and under 4 yrs.	4 years and under 5 yrs.	Total under 5 years.	5 years and under 10 yrs.	10 years and under 15 yrs.	15 years and under 20 yrs.	20 years and under 30 yrs.	30 years and under 40 yrs.	40 years and under 50 yrs.	50 years and under 60 yrs.	60 years and under 70 yrs.	70 years and under 80 yrs.	80 years and under 90 yrs.	90 years and under 100 yrs.			100 years and over.
III. LOCAL.																								
Apoplexy	37	31				1	1	1		3				1	1	6	4	11	7	3	1		14	23
Bright's Disease	9	7											1	1	2		1	2	1	1			5	
Bronchitis	35	40	1	5	5	7	1		1	20	1			2					6	3	3		19	16
Heart Disease	80	73	1	1			1			3		2	4	5	11	10	16	15	12	1	1		36	44
Meningitis	34	22	3	4	4	8		3	1	23	5		1	2	3								17	17
Nephritis	20	21	1	1		1				3					2	1	7	2	2	2	1		15	5
Pleurisy	1	1															1						1	
Pneumonia	162	106	4	1	13	14	8	4	1	45	6		1	8	16	35	12	25	10	4			95	67
Other Local Diseases	152	132	19	4	4	5	2	1		35	4		2	13	16	17	26	17	14	6	2		80	72
IV. DEVELOPMENTAL.																								
Cyanosis	2	1	2							2													2	
Inanition	5	4	4							4								1					3	2
Old Age	18	15																	9	8	1		7	11
Premature Birth	21	20	21							21													11	10
Puerp'l Diseases (not includ'g Puerp'l Fever)	5	2												1	3	1								5
Other Developmental Diseases	23	27	20	2		1				23				1					3	1			15	13
V. VIOLENT.																								
Accidental	30	35	1				1	1	1	4	1	2	4	6	3	7	1	1	1				25	5
Homicidal		3																						
Suicidal	8	11												1	1	1	2	1		2			7	1
Other Violent Causes	3	5													1		1		1					3
Unknown Causes	3	9	1	1						2						1							1	2
TOTAL FROM ALL CAUSES	967	891	89	24	41	65	29	22	16	286	33	12	30	87	102	114	93	97	74	33	6		504	493
TOTAL FROM ZYMOTIC DISEASES	103	100																						
INCLUDING TUBERCULAR DISEASES	300	267	5	1	4	17	11	8	8	54	13	5	3	9	8	6	2	1	1		1		42	61
TOTAL FROM CONSTITUTIONAL DISEASES	211	226	6	4	11	11	4	4	4	44	3	3	14	35	36	23	25	15	10	3			109	102
" " LOCAL do.	530	433	29	16	26	36	13	9	3	132	16	2	9	34	50	75	62	78	49	19	4		282	248
" " DEVELOPMENTAL do.	79	69	47	2		1				50				2	3	1		1	12	9	1		38	41
" " VIOLENT CAUSES	41	54	1				1	1	1	4	1	2	4	7	5	8	4	2	2	2			32	9

Comparative Statement of Cases of Contagious Disease reported to the Board of Health for the month of May, 1896, and for the corresponding month in 1895.

CASES REPORTED DURING MAY, 1896.			CASES REPORTED DURING MAY, 1895.		
	City.	Quarantine.		City.	Quarantine.
Diphtheria	346	....	Diphtheria	221	....
Measles	419	....	Measles	495	....
Small Pox . . . . .	....	....	Small Pox . . . . .	....	....
Scarlatina	77	....	Scarlatina	137	....
Typhoid Fever	35	....	Typhoid Fever	46	1
Typhus Fever . . . . .	....	....	Typhus Fever . . . . .	....	....
Yellow Fever . . . . .	....	....	Yellow Fever . . . . .	....	....

METEOROLOGICAL OBSERVATIONS TAKEN AT THE WEATHER BUREAU STATION, BOSTON.

For the month of May, 1896, as reported by J. W. SMITH, L. F. O.

DATE.	DAILY MEAN BAROMETER.	DAILY MEAN TEMPERATURE.	DAILY MEAN HUMIDITY.	PREVAILING DIRECTION OF WIND.	DAILY RAIN FALL.	GENERAL ITEMS.
1	30.20	46	36	E.	.00	Mean Barometer, 30.02.
2	30.24	54	36	S.W.	.00	Highest Barometer, 30.43, on the 7th.
3	30.05	60	67	S.W.	.01	Lowest Barometer, 29.61, on the 10th.
4	29.88	69	53	W.	.00	Monthly Range of Barometer, 0.82.
5	29.90	56	90	E.	T	Mean Temperature, 60.6.
6	30.26	45	78	N.E.	.00	Highest Temperature, 94.0, on the 10th.
7	30.40	46	58	N.E.	.00	Lowest Temperature, 38.0, on the 1st.
8	30.22	55	40	W.	.00	Monthly Range of Temperature, 56.0.
9	29.84	68	64	S.W.	.01	Greatest Daily Range of Temperature, 31.0 on the 9th.
10	29.68	80	44	W.	.00	Least Daily Range of Temperature, 4.0 on the 6th.
11	29.84	64	76	E.	T	Mean Daily Range of Temperature, 19.0.
12	29.92	62	46	N.W.	.00	Mean Daily Dew-point, 45.0.
13	30.15	58	40	E.	.00	Mean Daily Relative Humidity, 62.0.
14	29.99	58	62	E.	.00	Prevailing Direction of Wind, W.
15	29.96	60	60	W.	T	Total Movement of Wind, 7,962 Miles.
16	30.00	69	39	W.	.00	Highest Velocity of Wind and Direction, 42 miles W. on the 18th.
17	29.88	71	67	W.	.00	Number of Foggy Days, 0.
18	29.73	74	36	W.	T	Number of Clear Days, 10.
19	29.86	66	61	W.	.43	Total Number of Days on which Rain or Snow fell, 9.
20	30.32	57	52	S.	.00	Depth of unmelted Snow on ground at end of month, 0.
21	30.24	52	97	N.E.	.05	Dates of Auroras, 0.
22	29.98	64	74	S.W.	.01	Dates of Solar Halos, 1st, 20th, 27th.
23	30.20	62	80	E.	.00	Dates of Lunar Halos, 20th.
24	30.38	52	77	E.	.00	Thunder storm, 19th, 23th, 30th.
25	30.26	52	69	E.	.00	Mean Max. Temp., 69.8.
26	29.88	56	97	S.	.18	COMPARATIVE TEMPERATURE.
27	29.89	70	52	W.	.00	1871 58
28	30.10	60	81	E.	.13	1872 58
29	29.82	58	86	E.	.38	1873 58
30	29.88	62	56	S.W.	T	1874 57
31	29.74	64	76	N.W.	.48	1875 58
TOTALS	—	—	—	—	1.68	1876 54
MEANS	30.02	60	62	W.	.054	1877 55
						1878 56
						1879 60
						1880 63
						1881 55
						1882 49
						1883 56
						1884 54
						1885 52
						1886 56
						1887 59
						1888 52
						1889 60
						1890 57
						1891 56
						1892 56
						1893 56
						1894 58
						1895 60
						1896 60

Average May temperature for 26 years, 57.

Average May precipitation, for 26 years, 3.54.

*T indicates trace of precipitation.

HEALTH DEPARTMENT OF THE CITY OF BOSTON.

Statement of Deaths for the month of June, 1896.

With an enumeration of the more prominent causes; accompanied by an abstract of Meteorological Observations.

Published by order of the Board of Health.

SAMUEL H. DURGIN, M.D.,

Chairman.

Deaths during the month of June, 1896, 821
Population estimated at 501,083. Rate per 1,000 inhabitants, 19.66

Total number 821

SEX.

Males 428

Females 393

CONDITION.

Married 243

Single 474

Widows 75

Widowers 28

Unknown 1

COLOR.

White 805

Colored 16

Total deaths of children { Under 1 year 158
Under 2 years 211
Under 5 years 279

Diarrhoeal diseases { Under 1 year 17
Under 2 years 18
Under 5 years 19
All ages 20

NATIVITY.

United States 560

Ireland 151

England 12

Scotland 2

Germany 11

British America 51

Italy 8

Russia 5

Other Countries 10

Unknown 11

PARENTAGE

United States 196

Irish 298

English 12

Scotch 6

German 19

British American 48

Italian 22

Russian 29

Other Countries 49

Mixed 54

Unknown 88

Still-births during the month 57

Total Deaths with Principal Causes for the month

CAUSES OF DEATH.	Total Mortality for June, 1896.	Total Mortality for June, 1895.	AGE.																				SEX.			
			Under 3 mos.	3 mos. and under 6 mos.	6 months and under 1 year.	1 year and under 2 yrs.	2 years and under 3 yrs.	3 years and under 4 yrs.	4 years and under 5 yrs.	Total under 5 yrs.	5 years and under 10 yrs.	10 years and under 15 yrs.	15 years and under 20 yrs.	20 years and under 30 yrs.	30 years and under 40 yrs.	40 years and under 50 yrs.	50 years and under 60 yrs.	60 years and under 70 yrs.	70 years and under 80 yrs.	80 years and under 90 yrs.	90 years and under 100 yrs.	100 years and over.	Males.	Females.		
I. ZYMOTICS.																										
ALCOHOLISM	3	8												1		1	1							2	1	
CROUP	1	4				1				1															1	
CARUNCLE																										
CHOLERA MORBUS	1												1												1	
CHOLERA INFANTUM	18	8	3	6	7	1		1		18														12	6	
CEREBRO-SPINAL MENINGITIS	1	2						1		1														1		
CONGESTIVE FEVER																										
DIARRHŒA	1			1						1															1	
DYSENTERY		1																								
DIPHTHERIA	39	43			4	7	7	5	2	25	9	1	1	1	2								20	19		
ERYSIPELAS	3	1													1		1		1				2	1		
INTERMITTENT FEVER		1																								
INFLUENZA	1	1																1						1		
MEASLES	4	5				3	1			4													3	1		
PURPURA																										
PUERPERAL FEVER	3	1											2	1											3	
PYŒMIA																										
REMITTENT FEVER																										
RHEUMATISM	1	3									1													1		
SCARLATINA	18	14				1	7	5	2	15	1	1			1								13	5		
SMALL POX																										
SYPHILIS (CONGENITAL)	2	3	1				1			2															2	
SYPHILIS	1	3														1									1	
SEPTICŒMIA	5	6												1	1	2		1					3	2		
TONSILLITIS																										
TYPHOID FEVER	7	8										1		4	1	1								3	4	
TYPHUS FEVER																										
WHOOPING COUGH	4	2	1	1		1	1			4														3	1	
YELLOW FEVER																										
OTHER ZYMOTIC DISEASES																										
II. CONSTITUTIONAL.																										
CANCER	33	37										1		2	2	8	8	5	6	1				8	25	
HYDROCEPHALUS AND TUBERC. MENINGITIS	10	9	1	1	4	2				3	1			1										8	2	
MARASMUS, SCROFULA & TABES MESENTERICA	14	20	6	4	1	1	1			13		1												8	6	
PHTHISIS PULMONALIS	111	122	1		2	2				5	1	3	13	46	21	14	3	5						55	56	
OTHER CONSTITUTIONAL DISEASES																										
	22	17		1	1	1		2		5	1		1	6	4	1	2	3						13	9	9

of June, Classified by Cause, Age and Sex.

CAUSES OF DEATH.	Total Mortality for June, 1896.	Total Mortality for June, 1895.	AGE.																				SEX.	
			Under 3 mos.	3 mos. and under 6 mos.	6 mos. and under 1 year.	1 year and under 2 yrs.	2 years and under 3 yrs.	3 years and under 4 yrs.	4 years and under 5 yrs.	Total under 5 years.	5 years and under 10 yrs.	10 years and under 15 yrs.	15 years and under 20 yrs.	20 years and under 30 yrs.	30 years and under 40 yrs.	40 years and under 50 yrs.	50 years and under 60 yrs.	60 years and under 70 yrs.	70 years and under 80 yrs.	80 years and under 90 yrs.	90 years and under 100 yrs.	100 years and over.	Males.	Females.
III. LOCAL.																								
APoplexy	27	25													3	3	6	9	5	1			12	15
BRIGHT'S DISEASE	9	20										1					2	2	3	1			6	
BRONCHITIS	27	15	5	1	3	1	1	1	12	1							1	4	3	3	3		14	13
HEART DISEASE	68	63	2		1			1	4	1	4	2	6	5	8	5	17	11	3	2			37	31
MENINGITIS	39	20	4	5	5	9	2	1	26		1	2	2	2	2	4							21	18
NEPHRITIS	18	16					1		1	2			2	2	3	3	3	2	1				12	6
PLEURISY																								
PNEUMONIA	85	66	1	1	10	16	7	5	1	41	3		1	4	11	8	6	8	3				50	35
OTHER LOCAL DISEASES	128	112	7	4	12	5	2	1	3	34	1	1	3	17	12	14	12	12	11	10	1		63	65
IV. DEVELOPMENTAL.																								
CYANOSIS		1																						
INANITION	6	1	2	1	2					5							1						4	2
OLD AGE	15	20																	3	2	7	3	5	10
PREMATURE BIRTH	23	13	23							23													12	11
PUEP'L DISEASES (not includ'g Puerp'l Fever)	1	5													1									1
OTHER DEVELOPMENTAL DISEASES	23	21	17		1		1			19					1	1		1			1		9	14
V. VIOLENT.																								
ACCIDENTAL	32	46			1	1		3	1	6	3	4	4	7	3	1	2		2				20	12
HOMICIDAL		5																						
SUICIDAL	10	8											1	3	2	2	2						6	4
OTHER VIOLENT CAUSES	2	3														2								2
UNKNOWN CAUSES	5	4	4			1				5													3	2
TOTAL FROM ALL CAUSES	821	783	78	26	54	53	32	26	10	279	23	19	31	105	76	75	62	73	46	25	7		428	393
TOTAL FROM ZYMOTIC DISEASES	113	114																						
INCLUDING TUBERCULAR DISEASES	284	278	5	8	11	14	17	12	4	71	11	3	2	9	6	6	2	2	1				62	51
TOTAL FROM CONSTITUTIONAL DISEASES . .	190	205	8	6	8	6	1	2		31	3	5	14	55	27	22	13	13	6	1			92	98
" " LOCAL do.	401	337	19	11	31	31	13	9	5	119	6	7	10	31	36	41	42	54	35	17	3		215	186
" " DEVELOPMENTAL do.	68	61	42	1	3		1			47					2	1	1	4	2	7	4		30	38
" " VIOLENT CAUSES	44	62			1	1		3	1	6	3	4	5	10	6	5	4		2				25	13

Comparative Statement of Cases of Contagious Disease reported to the Board of Health for the month of June, 1896, and for the corresponding month in 1895.

CASES REPORTED DURING JUNE, 1896.			CASES REPORTED DURING JUNE, 1895.		
	City.	Quarantine.		City.	Quarantine.
Diphtheria	352	....	Diphtheria	327	....
Measles	394	1	Measles	392	..
Small Pox . . . . .	....	....	Small Pox . . . . .	....	....
Scarlatina	113	....	Scarlatina	123	....
Typhoid Fever	40	....	Typhoid Fever	63	....
Typhus Fever . . . . .	....	....	Typhus Fever . . . . .	....	....
Yellow Fever . . . . .	....	....	Yellow Fever . . . . .	....	....

METEOROLOGICAL OBSERVATIONS TAKEN AT THE WEATHER BUREAU STATION, BOSTON.

For the month of June, 1896, as reported by J. W. SMITH, L. F. O.

DATE.	DAILY MEAN BAROMETER.	DAILY MEAN TEMPERATURE.	DAILY MEAN HUMIDITY.	PREVAILING DIRECTION OF WIND.	DAILY RAIN FALL.	GENERAL ITEMS.	
1	29.90	64	56	N.W.	T	Mean Barometer, 29.96.	
2	30.10	62	44	N.W.	.00	Highest Barometer, 30.38, on the 25th.	
3	30.15	65	46	W.	.00	Lowest Barometer, 29.60, on the 11th.	
4	30.05	72	60	W.	.00	Monthly Range of Barometer, 0.88.	
5	30.08	66	70	E.	.00	Mean Temperature, 66.0.	
6	30.20	60	82	E.	.00	Highest Temperature, 92.0, on the 21st.	
7	30.09	56	83	S.	.40	Lowest Temperature, 49.0, on the 14th, 15th.	
8	29.87	56	100	E.	.30	Monthly Range of Temperature, 43.0.	
9	29.63	66	93	N.E.	.19	Greatest Daily Range of Temperature, 30.0 on the 3d.	
10	29.56	61	76	N.E.	.48	Least Daily Range of Temperature, 3.0 on the 8th.	
11	29.54	61	47	W.	.00	Mean Daily Range of Temperature, 16.7.	
12	29.64	62	59	N.W.	.00	Mean Daily Dew-point, 54.0.	
13	29.92	59	65	E.	.00	Mean Daily Relative Humidity, 70.0.	
14	30.01	54	96	N.E.	1.04	Prevailing Direction of Wind, W.	
15	30.18	53	87	N.	.22	Total Movement of Wind, 7,572 Miles.	
16	30.20	67	70	N.W.	.00	Highest Velocity of Wind and Direction, 38 miles N.E. on the 14th.	
17	30.10	68	74	S.W.	T	Number of Foggy Days, 1.	Number of Fair Days, 8.
18	29.96	70	82	S.W.	.00	Number of Clear Days, 13.	Number of Cloudy Days, 9.
19	29.96	77	68	W.	.00	Total Number of Days on which Rain or Snow fell, 9.	
20	29.90	80	64	S.W.	.00	Depth of unmelted Snow on ground at end of month, 0.	
21	29.55	82	78	S.W.	.03	Dates of Auroras, 0.	
22	29.72	80	70	W.	.00	Dates of Solar Halos, 2d, 25th.	
23	30.04	68	49	N.W.	.00	Dates of Lunar Halos, 0.	
24	30.26	65	62	E.	.00	Thunder storm, 9th.	
25	30.34	62	72	E.	.00	Mean Max. Temp., 74.4.	Mean Min. Temp., 67.8.
26	30.04	70	53	S.W.	.01	COMPARATIVE TEMPERATURE.	
27	29.95	73	63	W.	.00	1871 66	1871 5.55 In.
28	29.69	70	84	S.W.	.04	1872 68	1872 4.84
29	29.80	71	75	S.W.	.00	1873 68	1873 0.54
30	30.16	66	56	S.W.	.00	1874 66	1874 3.64
						1875 67	1875 7.25
						1876 68	1876 1.72
						1877 67	1877 3.21
						1878 64	1878 2.28
						1879 64	1879 6.24
						1880 67	1880 0.75
						1881 61	1881 7.79
						1882 66	1882 1.30
						1883 69	1883 2.07
						1884 66	1884 4.01
						1885 66	1885 3.70
						1886 63	1886 1.34
						1887 64	1887 1.08
						1888 67	1888 2.69
						1889 68	1889 2.77
						1890 64	1890 2.21
						1891 65	1891 3.06
						1892 70	1892 3.05
						1893 65	1893 2.20
						1894 69	1894 0.80
						1895 67	1895 1.73
						1896 66	1896 2.71
TOTALS	—	—	—	—	2.71		
MEANS	29.96	66	70	W.	.090		

Average mean temperature for 26 years, 66.

Average precipitation, for 26 years, 3.06.

*T indicates trace of precipitation.

HEALTH DEPARTMENT OF THE CITY OF BOSTON.

Statement of Deaths for the month of July, 1896.

With an enumeration of the more prominent causes; accompanied by an abstract of Meteorological Observations.

Published by order of the Board of Health.

SAMUEL H. DURGIN, M.D.,

Chairman.

Deaths during the month of July, 1896, 1282

Population estimated at 501,083.

Rate per 1,000 inhabitants, 30.70

Total number 1282

SEX.

Males 677

Females 605

CONDITION.

Married 273

Single 875

Widows 95

Widowers 30

Unknown 9

COLOR.

White 1236

Colored 46

Total deaths of children	{	Under 1 year	549
		Under 2 years	651
		Under 5 years	689

Diarrhoeal diseases	{	Under 1 year	292
		Under 2 years	335
		Under 5 years	339
		All ages	359

NATIVITY.

United States 940

Ireland 182

England 17

Scotland 13

Germany 17

British America 48

Italy 22

Russia 7

Other Countries 21

Unknown 15

PARENTAGE.

United States 268

Irish 397

English 23

Scotch 14

German 35

British American 78

Italian 41

Russian 31

Other Countries 111

Mixed 147

Unknown 184

Still-births during the month 51

Total Deaths with Principal Causes for the month

CAUSES OF DEATH.	Total Mortality for July, 1896.	Total Mortality for July, 1895.	AGE.																			SEX.			
			Under 3 mos.	3 mos. and under 6 mos.	6 months and under 1 year.	1 year and under 2 yrs.	2 years and under 3 yrs.	3 years and under 4 yrs.	4 years and under 5 yrs.	Total under 5 yrs.	5 years and under 10 yrs.	10 years and under 15 yrs.	15 years and under 20 yrs.	20 years and under 30 yrs.	30 years and under 40 yrs.	40 years and under 50 yrs.	50 years and under 60 yrs.	60 years and under 70 yrs.	70 years and under 80 yrs.	80 years and under 90 yrs.	90 years and under 100 yrs.	100 years and over.	Males.	Females.	
I. ZYMOTICS.																									
ALCOHOLISM	10	8												3	5	1		1						4	6
CROUP	3	1			2	1				3														2	1
CARBUNCLE																									
CHOLERA MORBUS	9	3			1	1				2						3	1	2		1				4	5
CHOLERA INFANTUM	315	127	56	84	133	39	2	1		315														174	141
CEREBRO-SPINAL MENINGITIS	2				1	1				2														2	
CONGESTIVE FEVER																									
DIARRHŒA	20	14	2	5	9	1				17							1		1	1				10	10
DYSENTERY	15	5			2	2			1	5			2		1	1	4		2					6	9
DIPHTHERIA	33	40		1	1	9		5	5	21	6	3			2	1								18	15
ERYSIPELAS	2	4			1		1			2														1	1
INTERMITTENT FEVER	1												1												1
INFLUENZA		3																							
MEASLES	5	2	1		1		2	1		5														2	3
PURPURA		1																							
PUERPERAL FEVER.	1													1											1
PYÆMIA																									
REMITTENT FEVER																									
RHEUMATISM	1	2																1							1
SCARLATINA	8	9				1	1	1	1	4	4													3	5
SMALL POX																									
SYPHILIS (CONGENITAL)	3	1	3							3														2	1
SYPHILIS																									
SEPTICÆMIA	6	2											2		2	1		1						4	2
TONSILLITIS																									
TYPHOID FEVER.	8	9											5	1	1	1								3	5
TYPHUS FEVER																									
WHOOPING COUGH	5	5	1	3		1				5															5
YELLOW FEVER																									
OTHER ZYMOTIC DISEASES		1																							
II. CONSTITUTIONAL.																									
CANCER	30	32												2	1	9	10	4	3	1				13	17
HYDROCEPHALUS AND TUBERC. MENINGITIS	17	20		5	8	1	1			15	1				1									9	8
MARASMUS, SCHRÖFULA & TABES MESENTERICA	41	33	18	11	7	2	1			39	1				1									25	16
PHTHISIS PULMONALIS	121	91	1	1					1	3	1	2	12	39	35	11	10	6	2					64	57
OTHER CONSTITUTIONAL DISEASES	18	25	2	2		2			1	7				4	4		1	2						10	8

of July, Classified by Cause, Age and Sex.

CAUSES OF DEATH.	Total Mortality for July, 1896.	Total Mortality for July, 1895.	AGE.																				SEX.		
			Under 3 mos.	3 mos. and under 6 mos.	6 mos. and under 1 year.	1 year and under 2 yrs.	2 years and under 3 yrs.	3 years and under 4 yrs.	4 years and under 5 yrs.	Total under 5 years.	5 years and under 10 yrs.	10 years and under 15 yrs.	15 years and under 20 yrs.	20 years and under 30 yrs.	30 years and under 40 yrs.	40 years and under 50 yrs.	50 years and under 60 yrs.	60 years and under 70 yrs.	70 years and under 80 yrs.	80 years and under 90 yrs.	90 years and under 100 yrs.	100 years and over.	Males.	Females.	
III. LOCAL.																									
Apoplexy	36	25												2	5	4	3	16	6				16	20	
Bright's Disease	7	6													3	1	1	2					4		
Bronchitis	15	17	2	2	1	3		1	9					2			2	2					10	5	
Heart Disease	73	51	1	1					2	1		1	5	5	10	17	15	9	6	2			36	37	
Meningitis	47	22	5	10	16	9		1	41			1		2	1	1	1						21	26	
Nephritis	19	12												4	3	3	2	5	2				8	11	
Pleurisy		3																							
Pneumonia	57	51	3	2	7	7	4	1	24	1	1	3	7	3	10	3	3	2					24	33	
Other Local Diseases	195	105	19	26	26	18	3		1	93	4	1	3	14	15	12	21	14	12	5	1		104	91	
IV. DEVELOPMENTAL.																									
Cyanosis	1	1	1						1														1		
Infantile	7	8	4	2					6										1				3	4	
Old Age	16	17															1	8	6	1			9	7	
Premature Birth	22	14	22						22														13	9	
Puerp'l Diseases (not includ'g Puerp'l Fever)	4	5											2	2										4	
Other Developmental Diseases	34	24	20	6	2	2			30							1	1	1		1			21	13	
V. VIOLENT.																									
Accidental	62	43		1	1	2			2	6	3	2	3	9	13	12	9	3	2				46	16	
Homicidal		3																							
Suicidal	3	5											1	1	1								1	2	
Other Violent Causes	2	2												1	1									2	
Unknown Causes	8	6	4	1	2				7										1				4	4	
TOTAL FROM ALL CAUSES	1282	918	165	164	220	102	15	11	12	689	22	9	24	100	99	87	85	69	63	30	5		677	605	
TOTAL FROM ZYMOTIC DISEASES	447	237																							
INCLUDING TUBERCULAR DISEASES	637	394	63	94	150	56	6	8	7	384	10	3	1	13	8	9	5	8	2	4			235	212	
TOTAL FROM CONSTITUTIONAL DISEASES	227	201	21	19	16	5	2		2	64	3	2	12	45	42	20	21	12	5	1			121	106	
" " LOCAL do.	440	352	30	41	50	37	7	3	1	169	6	2	8	30	32	44	49	44	45	17	3		223	226	
" " DEVELOPMENTAL do.	84	69	47	8	2	2			59				2	2		1	2	9	7	2			47	37	
" " VIOLENT CAUSES	67	53		1	1	2			2	6	3	2	3	10	15	14	9	3	2				47	20	

Comparative Statement of Cases of Contagious Disease reported to the Board of Health for the month of July, 1896, and for the corresponding month in 1895.

CASES REPORTED DURING JULY, 1896.			CASES REPORTED DURING JULY, 1895.		
	City.	Quarantine.		City.	Quarantine.
Diphtheria	300	....	Diphtheria	263	....
Measles	230	....	Measles	184	....
Small Pox . . . . .	....	....	Small Pox . . . . .	....	....
Scarlatina	72	....	Scarlatina	94	....
Typhoid Fever	56	....	Typhoid Fever	76	....
Typhus Fever . . . . .	....	....	Typhus Fever . . . . .	....	....
Yellow Fever . . . . .	....	....	Yellow Fever . . . . .	....	....

METEOROLOGICAL OBSERVATIONS TAKEN AT THE WEATHER BUREAU STATION, BOSTON.
For the month of July, 1896, as reported by J. W. SMITH, L. F. O.

DATE.	DAILY MEAN BAROMETER.	DAILY MEAN TEMPERATURE.	DAILY MEAN HUMIDITY.	PREVAILING DIRECTION OF WIND.	DAILY RAIN FALL.	GENERAL ITEMS.
1	30.18	74	56	S.W.	.00	Mean Barometer, 30.00.
2	30.10	77	72	S.W.	.00	Highest Barometer, 30.41, on the 19th.
3	30.14	71	72	N.E.	.00	Lowest Barometer, 29.63, on the 15th.
4	30.05	60	98	N.E.	T	Monthly Range of Barometer, 0.78.
5	29.81	62	90	N.E.	.32	Mean Temperature, 72.6.
6	30.04	60	94	E.	T	Highest Temperature, 93.0, on the 13th.
7	29.93	60	97	E.	.58	Lowest Temperature, 57.0, on the 4th.
8	30.09	68	67	W.	.04	Monthly Range of Temperature, 36.0.
9	30.23	76	71	S.W.	T	Greatest Daily Range of Temperature, 27.0 on the 1st.
10	30.20	81	72	S.W.	.00	Least Daily Range of Temperature, 5.0 on the 6th.
11	30.03	79	64	S.W.	.00	Mean Daily Range of Temperature, 16.0.
12	29.95	80	58	W.	.00	Mean Daily Dew-point, 61.0.
13	29.88	82	62	W.	.00	Mean Daily Relative Humidity, 74.0.
14	29.85	74	72	W.	.00	Prevailing Direction of Wind, S.W.
15	29.70	76	76	S.W.	.36	Total Movement of Wind, 7,514 Miles.
16	29.76	72	74	W.	.47	Highest Velocity of Wind and Direction, 29 miles N.E. on the 3d.
17	30.10	64	64	E.	.00	Number of Foggy Days, 0.
18	30.16	67	68	E.	.00	Number of Fair Days, 9.
19	30.34	66	64	E.	.00	Number of Clear Days, 11.
20	30.10	71	80	S.W.	.01	Total Number of Days on which Rain or Snow fell, 12.
21	29.04	80	84	S.W.	.15	Depth of unmelting Snow on ground at end of month, 0.
22	29.94	77	84	S.	.00	Dates of Auroras, 0.
23	29.76	74	60	N.W.	.10	Dates of Solar Halos, 0.
24	29.96	66	75	W.	.09	Dates of Lunar Halos, 0.
25	29.83	66	79	N.	.56	Thunder storm, 6th, 7th, 15th.
26	30.06	74	60	S.W.	.00	Mean Max. Temp., 79.6.
27	29.90	73	78	S.W.	.08	Mean Min. Temp., 64.0.
28	29.96	76	68	E.	T	COMPARATIVE TEMPERATURE.
29	30.00	76	81	S.W.	.00	1871 71
30	29.76	74	93	S.	.14	1872 75
31	29.93	70	44	N.W.	.00	1873 73
TOTALS.....	—	—	—	—	2.90	1874 73
MEANS.....	30.00	72	74	S.W.	.093	1875 71
						1876 74
						1877 70
						1878 74
						1879 70
						1880 70
						1881 68
						1882 72
						1883 71
						1884 68
						1885 71
						1886 74
						1887 73
						1888 68
						1889 69
						1890 71
						1891 69
						1892 73
						1893 71
						1894 74
						1895 69
						1896 72

Average mean temperature for 26 years, 71.

Average precipitation, for 26 years, 3.42.

*T indicates trace of precipitation.

HEALTH DEPARTMENT OF THE CITY OF BOSTON.

Statement of Deaths for the month of August, 1896.

With an enumeration of the more prominent causes; accompanied by an abstract of Meteorological Observations.

Published by order of the Board of Health.

SAMUEL H. DURGIN, M.D.,
Chairman.

Deaths during the month of August, 1896, 1134
Population estimated at 501,083. Rate per 1,000 inhabitants, 27.15

Total number 1134

SEX.

Males 624

Females 510

CONDITION.

Married 305

Single 690

Widows 99

Widowers 34

Unknown 6

COLOR.

White 1115

Colored 19

Total deaths of children { Under 1 year 382
Under 2 years 449
Under 5 years 485

Diarrhoeal diseases { Under 1 year 161
Under 2 years 187
Under 5 years 192
All ages 217

NATIVITY.

United States 771

Ireland 203

England 15

Scotland 7

Germany 16

British America 61

Italy 8

Russia 10

Other Countries 24

Unknown 19

PARENTAGE.

United States 236

Irish 386

English 25

Scotch 6

German 30

British American 68

Italian 31

Russian 41

Other Countries 95

Mixed 105

Unknown 111

Still-births during the month 62

Total Deaths with Principal Causes for the month

CAUSES OF DEATH.	Total Mortality for August, 1896.	Total Mortality for August, 1895.	AGE.																			SEX.							
			Under 3 mos.	3 mos. and under 6 mos.	6 months and under 1 year.	1 year and under 2 yrs.	2 years and under 3 yrs.	3 years and under 4 yrs.	4 years and under 5 yrs.	Total under 5 years.	5 years and under 10 yrs.	10 years and under 15 yrs.	15 years and under 20 yrs.	20 years and under 25 yrs.	25 years and under 30 yrs.	30 years and under 35 yrs.	35 years and under 40 yrs.	40 years and under 45 yrs.	45 years and under 50 yrs.	50 years and under 60 yrs.	60 years and under 70 yrs.	70 years and under 80 yrs.	80 years and under 90 yrs.	90 years and under 100 yrs.	100 years and over.	Males.	Females.		
I. ZYMOTICS.																													
ALCOHOLISM	15	4																2	7	5	1						14	1	
CROUP	1	5					1			1																	1		
CARBUNCLE	1																					1							
CHOLERA MORBUS	15	9	1	2	1	1		2		7				1		1					4	1			1		6	9	
CHOLERA INFANTUM	177	182	42	46	62	24	2	1		177																	97	80	
CEREBRO-SPINAL MENINGITIS	2	1						1		1		1															1	1	
CONGESTIVE FEVER																													
DIARRHŒA	12	20	4	2		1				7				1	1							2	1				9	3	
DYSENTERY	13	11			1					1					1	4	1	1	1	2	2						4	9	
DIPHTHERIA	27	43	1		1	9	5	5	2	23	3	1															16	11	
ERYSIPELAS	1	1																			1						1		
INTERMITTENT FEVER		1																											
INFLUENZA																													
MEASLES	4				4					4																	2	2	
PURPURA	1																					1					1		
PUERPERAL FEVER	2	1												2														2	
PTÆMIA	2											1									1						1	1	
REMITTENT FEVER																													
RHEUMATISM	3	1												1							1	1					2	1	
SCARLATINA	1	5				1				1																	1		
SMALL POX																													
SYPHILIS (CONGENITAL)	2	3	2							2																	1	1	
SYPHILIS	2	1														1					1						2		
SEPTICÆMIA	3	8	1							1		1		1													2	1	
TONSILLITIS		1																											
TYPHOID FEVER	13	26										1	1	2	6	1	1	1									8	5	
TYPHUS FEVER																													
WHOOPING COUGH	11	4	2	1	3	3	2			11																	6	5	
YELLOW FEVER																													
OTHER ZYMOTIC DISEASES																													
II. CONSTITUTIONAL.																													
CANCER	53	56															1	2	7	17	3	3					13	20	
HYDROCEPHALUS AND TUBERC. MENINGITIS	20	25		3	6	6	1	1	1	18			1			1											12	8	
MARASMUS, SCROFULA & TABES MESENTERICA	42	81	17	12	8	3				41													1				20	22	
PHTHISIS PULMONALIS	122	93			1					1		1	11	38	31	23	7	7	3								67	55	
OTHER CONSTITUTIONAL DISEASES	22	24				1			1	2			2	3	5	4	2	3	1								10	12	

of August, Classified by Cause, Age and Sex.

CAUSES OF DEATH.	AGE.																					SEX.			
	Total Mortality for August, 1896.	Total Mortality for August, 1895.																				Males.	Females.		
			Under 3 mos.	3 mos. and under 6 mos.	6 mos. and under 1 year.	1 year and under 2 yrs.	2 years and under 3 yrs.	3 years and under 4 yrs.	4 years and under 6 yrs.	Total under 5 years.	5 years and under 10 yrs.	10 years and under 15 yrs.	15 years and under 20 yrs.	20 years and under 30 yrs.	30 years and under 40 yrs.	40 years and under 50 yrs.	50 years and under 60 yrs.	60 years and under 70 yrs.	70 years and under 80 yrs.	80 years and under 90 yrs.	90 years and under 100 yrs.			100 years and over.	
III. LOCAL.																									
Apoplexy	23	22												2	3	3	2	8	3	2			10	13	
Bright's Disease	8	12												1		3	2	1	1				4	4	
Bronchitis	16	18	2	2	2	1			7						1		3	2	3				9	7	
Heart Disease	60	62	1			1			2	2	2	1	3	8	6	10	12	12	2				26	34	
Meningitis	29	27	2	1	13	3	1		20	2	1	2	1	2	1								13	16	
Nephritis	35	23									1		1	4	3	7	5	8	6				18	17	
Pleurisy																									
Pneumonia	32	30	2	1	2	1	3	1	10	1				5	7	3	3	2			1		20	12	
OTHER LOCAL DISEASES	234	176	19	19	26	11		2	1	73	2	2	6	23	38	27	27	17	7	7			141	93	
IV. DEVELOPMENTAL.																									
Cyanosis	1	1	1							1														1	
Marasmus	12	14	11		1					12													6	6	
Old Age	27	21															1	3	10	11	2		15	12	
Premature Birth	18	28	18							18													10	8	
Puerperal Diseases (not includ'g Puerp'l Fever)	1	3													1									1	
OTHER DEVELOPMENTAL DISEASES	37	29	18	6	3					27						1	2		1	5		1		19	18
V. VIOLENT.																									
Accidental	40	55		1	2	1	2			6	5		3	8	5	1	5	3	2	2			27	13	
Homicidal		2																							
Suicidal	3	8												1	1				1				3		
OTHER VIOLENT CAUSES	2	3															1		1				1	1	
UNKNOWN CAUSES	9	2	3	2	1					6						2		1					5	4	
TOTAL FROM ALL CAUSES	1134	1181	147	98	137	67	17	13	6	435	17	11	30	106	121	92	77	94	65	31	5		624	510	
TOTAL FROM ZYMOTIC DISEASES	308	327																							
INCLUDING TUBERCULAR DISEASES	462	485	53	51	72	39	10	9	2	236	4	5	3	15	13	8	3	9	8	3	1		175	133	
TOTAL FROM CONSTITUTIONAL DISEASES	239	259	17	15	15	10	1	1	3	62		1	14	41	38	29	16	27	7	4			122	117	
“ “ LOCAL do.	437	379	26	23	43	17	4	3	1	117	8	5	10	39	62	50	52	50	32	11	1		241	196	
“ “ DEVELOPMENTAL do.	96	96	48	6	4					58						2	2	1	4	15	11	3		50	46
“ “ VIOLENT CAUSES	45	68		1	2	1	2			6	5		3	9	6	2	5	4	3	2			31	14	

Comparative Statement of Cases of Contagious Disease reported to the Board of Health for the month of August, 1896, and for the corresponding month in 1895.

CASES REPORTED DURING AUGUST, 1896.			CASES REPORTED DURING AUGUST, 1895.		
	City.	Quarantine.		City.	Quarantine.
Diphtheria	266	....	Diphtheria	274	....
Measles	100	....	Measles	41	..
Small Pox . . . . .	....	....	Small Pox . . . . .	....	....
Scarlatina	42	....	Scarlatina	82	....
Typhoid Fever	119	....	Typhoid Fever	175	....
Typhus Fever . . . . .	....	....	Typhus Fever . . . . .	....	....
Yellow Fever . . . . .	....	....	Yellow Fever . . . . .	....	....

METEOROLOGICAL OBSERVATIONS TAKEN AT THE WEATHER BUREAU STATION, BOSTON.

For the month of August, 1896, as reported by J. W. SMITH, L. F. O.

DATE.	DAILY MEAN BAROMETER.	DAILY MEAN TEMPERATURE.	DAILY MEAN HUMIDITY.	PREVAILING DIRECTION OF WIND.	DAILY RAIN FALL.	GENERAL ITEMS.
1	30.10	67	47	S.W.	.00	Mean Barometer, 30.02.
2	29.80	66	92	S.	.77	Highest Barometer, 30.33, on the 29th.
3	29.98	71	73	W.	.00	Lowest Barometer, 29.77, on the 2d.
4	29.94	73	68	S.W.	.00	Monthly Range of Barometer, 0.56.
5	29.98	72	78	E.	.20	Mean Temperature, 71.0.
6	30.12	65	94	N.E.	.49	Highest Temperature, 95.0, on the 10th.
7	29.07	77	84	S.W.	.06	Lowest Temperature, 52.0, on the 20th.
8	29.96	75	86	E.	.00	Monthly Range of Temperature, 43.0.
9	29.90	82	74	S.W.	.00	Greatest Daily Range of Temperature, 26.0 on the 7th.
10	29.91	86	70	W.	.00	Least Daily Range of Temperature, 6.0 on the 15th.
11	29.96	82	63	S.W.	.00	Mean Daily Range of Temperature, 15.0.
12	29.98	82	70	E.	.00	Mean Daily Dew-point, 61.0.
13	30.04	76	76	E.	.20	Mean Daily Relative Humidity, 74.0.
14	30.07	71	91	N.E.	T	Prevailing Direction of Wind, S.W.
15	30.16	67	89	E.	.00	Total Movement of Wind, 5,187 Miles.
16	29.99	74	82	S.	.00	Highest Velocity of Wind and Direction, 35 miles N. on the 5th.
17	29.92	72	60	W.	.02	Number of Foggy Days, 0.
18	29.98	68	64	W.	.06	Number of Fair Days, 13.
19	30.11	60	64	N.W.	.08	Number of Clear Days, 12.
20	30.20	62	64	N.W.	.00	Total Number of Days on which Rain or Snow fell, 13.
21	30.10	66	66	S.W.	.00	Depth of unmelted Snow on ground at end of month, 0.
22	30.04	68	68	S.	.05	Dates of Auroras, 0.
23	29.97	69	78	S.	.06	Dates of Solar Halos, 0.
24	29.94	76	84	N.W.	.02	Dates of Lunar Halos, 0.
25	30.00	68	54	E.	.00	Thunder storm, 5th, 6th, 17th.
26	30.15	66	89	E.	.00	Mean Max. Temp., 78.3.
27	30.06	68	76	N.W.	.06	Mean Min. Temp., 63.1.
28	30.26	62	72	E.	.00	COMPARATIVE TEMPERATURE.
29	30.26	60	60	E.	.00	1871 72
30	29.97	67	68	S.W.	.0	1872 72
31	29.82	67	60	S.W.	.08	1873 69
TOTALS	—	—	—	—	2.15	1874 68
MEANS	30.02	71	74	S.W.	.069	1875 71
						1876 70
						1877 71
						1878 68
						1879 68
						1880 69
						1881 70
						1882 70
						1883 68
						1884 68
						1885 67
						1886 68
						1887 67
						1888 71
						1889 67
						1890 69
						1891 70
						1892 70
						1893 70
						1894 68
						1895 71
						1896 71

Average mean temperature for 26 years, 69.

Average precipitation, for 26 years, 4.32.

*T indicates trace of precipitation.

Statement of Deaths for the month of September, 1896.

With an enumeration of the more prominent causes ; accompanied by an abstract of Meteorological Observations.

Published by order of the Board of Health.

SAMUEL H. DURGIN, M.D.,
Chairman.

Deaths during the month of September, 1896,	903
Population estimated at 501,083.	Rate per 1,000 inhabitants, 21.62

Total number		903	NATIVITY.	
SEX.			United States	
Males	476		Ireland	
Females	427		England	
CONDITION.			Scotland	
Married	246		Germany	
Single	553		British America	
Widows	65		Italy	
Widowers	29		Russia	
Unknown	10		Other Countries	
COLOR.			Unknown	
White	877		PARENTAGE.	
Colored	26		United States	
			Irish	
Total deaths of children	Under 1 year	267	English	
	Under 2 years	324	Scotch	
	Under 5 years	369	German	
Diarrhœal diseases	Under 1 year	52	British American	
	Under 2 years	61	Italian	
	Under 5 years	64	Russian	
	All ages	75	Other Countries	
			Mixed	
			Unknown	
			Still-births during the month	

Total Deaths with Principal Causes for the month

CAUSES OF DEATH.	AGE.																	SEX.							
	Total Mortality for September, 1896.	Total Mortality for September, 1895.	Under 3 mos.	3 mos. and under 6 mos.	6 months and under 1 year.	1 year and under 2 yrs.	2 years and under 3 yrs.	3 years and under 4 yrs.	4 years and under 5 yrs.	Total under 5 yrs.	5 years and under 10 yrs.	10 years and under 15 yrs.	15 years and under 20 yrs.	20 years and under 30 yrs.	30 years and under 40 yrs.	40 years and under 50 yrs.	50 years and under 60 yrs.	60 years and under 70 yrs.	70 years and under 80 yrs.	80 years and under 90 yrs.	90 years and under 100 yrs.	100 years and over.	Males.	Females.	
I. ZYMOTICS.																									
ALCOHOLISM	4	3												1	2	1								4	
CROUP	3	5			1			1	1	3														3	
CARBUNCLE																									
CHOLERA MORBUS	2	2															1		1					2	
CHOLERA INFANTUM	48	131	13	13	14	7	1			48														22	26
CEREBRO-SPINAL MENINGITIS																									
CONGESTIVE FEVER																									
DIARRHŒA	16	11	5	2	4	1		1		13									1	2				6	10
DYSENTERY	9	9		1		1			1	3						1	1	3		1				6	3
DIPHTHERIA	35	51			4	2	10	5	3	24	13	1												25	13
ERTSPELAS	1	4																1						1	
INTERMITTENT FEVER	2												1						1					1	1
INFLUENZA		2																							
MEASLES																									
PURPURA																									
PUERPERAL FEVER.	1	1												1										1	
PYEMIA		2																							
REMITTENT FEVER		1																							
RHEUMATISM	1	2															1							1	
SCARLATINA	2	4							1	1			1												2
SMALL POX																									
SYPHILIS (CONGENITAL)	3	1	1	1	1					3														2	1
SYPHILIS																									
SEPTICÆMIA	2	7														1		1						1	1
TONSILLITIS																									
TYPHOID FEVER.	30	28									3	1	5	10	7	2	1	1						14	16
TYPHUS FEVER																									
WHOOPING COUGH	10	6	4		2	3	1			10														5	5
YELLOW FEVER																									
OTHER ZYMOTIC DISEASES	2		1		1					2														2	
II. CONSTITUTIONAL.																									
CANCER	25	27												1	2	4	6	6	4	1	1			10	15
HYDROCEPHALUS AND TUBERC. MENINGITIS	10	14	1	1	1	1	1		1	6		1	1	1		1								4	6
MARASMUS, SCROFULA & TABES MESENTERICA	53	68	22	10	11	7	2			12						1								29	24
PHTHISIS PULMONALIS	94	112	1		4	1				6	4	9	21	25	11	11	5	2						43	51
OTHER CONSTITUTIONAL DISEASES	26	20		1	1	3	1			6			1	7	4	4	3	1						12	14

of September, Classified by Cause, Age and Sex.

CAUSES OF DEATH.	Total Mortality for September, 1896.		Total Mortality for September, 1895.		AGE.																SEX.					
					Under 3 mos.	3 mos. and under 6 mos.	6 mos. and under 1 year.	1 year and under 2 yrs.	2 years and under 3 yrs.	3 years and under 4 yrs.	4 years and under 5 yrs.	Total under 5 years.	5 years and under 10 yrs.	10 years and under 15 yrs.	15 years and under 20 yrs.	20 years and under 30 yrs.	30 years and under 40 yrs.	40 years and under 50 yrs.	50 years and under 60 yrs.	60 years and under 70 yrs.	70 years and under 80 yrs.	80 years and under 90 yrs.	90 years and under 100 yrs.	100 years and over.	Males.	Females.
III. LOCAL.																										
Apoplexy	30	20													2	1	3	8	5	10	1				14	16
Bright's Disease	9	3															1	1	5		2				6	3
Bronchitis	20	19	3	2	5	1				11							1		1	3	2	2			8	12
Heart Disease	65	58	1							1		2	2	5	11	9	6	13	12	4					34	31
Meningitis	33	28	5	5	6	7	1	1	2	27							3	2		1					16	17
Nephritis	22	16				1				1					2	4	5	5	4	1					12	10
Pleurisy		3																								
Pneumonia	58	35	3	1	6	9	3	1		23	4			1	6	4	5	4	6	5					39	19
OTHER LOCAL DISEASES	136	154	20	13	17	9	3	1	1	64	1	2	3	9	9	10	9	17	11	1					72	64
IV. DEVELOPMENTAL.																										
Cyanosis																										
Infantion	8	9	6		1	1				8															3	5
Old Age	21	20																	4	7	7	3			8	13
Premature Birth	22	13	22							22															11	11
Puerp'l Diseases (not includ'g Puerp'l Fever)	1	4														1										1
OTHER DEVELOPMENTAL DISEASES	39	44	16	6	6	2		1		31					2	2	1			1	2				19	20
V. VIOLENT.																										
Accidental	35	29	1			1				1	3	2			15	6	3	1	1	4					29	6
Homicidal	6	1	1								1				1	3		1							4	2
Suicidal	14	2												2	5	2	2	1	1	1					13	1
OTHER VIOLENT CAUSES																										
UNKNOWN CAUSES	2	9														2									2	
TOTAL FROM ALL CAUSES	903	978	126	56	85	57	23	11	11	369	23	11	26	89	91	66	65	72	66	21	4				476	427
TOTAL FROM ZYMOTIC DISEASES	174	270																								
INCLUDING TUBERCULAR DISEASES	319	434	24	17	27	14	12	7	6	107	16	2	7	12	10	4	4	6	3	3					88	86
TOTAL FROM CONSTITUTIONAL DISEASES	208	241	24	12	17	12	4			1	70		5	11	30	31	21	20	11	7	1	1			98	110
" " LOCAL do.	573	356	52	21	34	27	7	3	3	127	5	4	6	24	34	35	35	49	43	8					291	172
" " DEVELOPMENTAL do.	91	90	44	6	7	3		1		61					2	3	1		4	8	9	3			41	50
" " VIOLENT CAUSES	55	32	2			1				1	4	2		2	21	11	5	3	2	3					46	9

Comparative Statement of Cases of Contagious Disease reported to the Board of Health for the month of September, 1896, and for the corresponding month in 1895.

CASES REPORTED DURING SEPTEMBER, 1896.			CASES REPORTED DURING SEPTEMBER, 1895.		
	City.	Quarantine.		City.	Quarantine.
Diphtheria	296	....	Diphtheria	343	....
Measles	55	....	Measles	24	....
Small Pox . . . . .	....	....	Small Pox . . . . .	....	....
Scarlatina	63	....	Scarlatina	91	....
Typhoid Fever	196	....	Typhoid Fever	226	....
Typhus Fever . . . . .	....	....	Typhus Fever . . . . .	....	....
Yellow Fever . . . . .	....	....	Yellow Fever . . . . .	....	....

METEOROLOGICAL OBSERVATIONS TAKEN AT THE WEATHER BUREAU STATION, BOSTON.

For the month of September, 1896, as reported by J. W. SMITH, L. F. O.

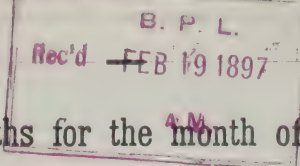
DATE.	DAILY MEAN BAROMETER.	DAILY MEAN TEMPERATURE.	DAILY MEAN HUMIDITY.	PREVAILING DIRECTION OF WIND.	DAILY RAIN FALL.	GENERAL ITEMS.
1	30.14	62	61	N.W.	.00	Mean Barometer, 30.05.
2	30.30	60	64	W.	.00	Highest Barometer, 30.40, on the 25th.
3	29.61	70	85	S.W.	.15	Lowest Barometer, 29.55, on the 19th.
4	30.11	61	66	N.W.	.13	Monthly Range of Barometer, 0.85.
5	30.21	56	67	E.	.00	Mean Temperature, 62.0.
6	29.84	67	98	S.W.	2.10	Highest Temperature, 90.0, on the 11th.
7	30.01	67	73	W.	.00	Lowest Temperature, 40.0, on the 24th.
8	30.19	61	72	N.E.	.00	Monthly Range of Temperature, 50.0.
9	29.96	60	90	N.	.27	Greatest Daily Range of Temperature, 25.0 on the 11th.
10	29.75	62	98	N.E.	1.46	Least Daily Range of Temperature, 5.0 on the 14th.
11	30.00	78	84	S.W.	.02	Mean Daily Range of Temperature, 15.0.
12	30.14	70	89	S.W.	.00	Mean Daily Dew-point, 54.0.
13	30.26	60	98	N.E.	.36	Mean Daily Relative Humidity, 79.0.
14	30.12	58	94	N.E.	.04	Prevailing Direction of Wind, S.W.
15	29.92	66	85	S.W.	.00	Total Movement of Wind, 8,058 Miles.
16	29.66	58	89	E.	.00	Highest Velocity of Wind and Direction, 41 miles N.E. on the 10th.
17	29.80	62	90	S.W.	.01	Number of Foggy Days, 2. Number of Fair Days, 8.
18	29.93	66	56	W.	.02	Number of Clear Days, 10. Number of Cloudy Days, 12.
19	29.70	67	100	S.	.84	Total Number of Days on which Rain or Snow fell, 14.
20	29.96	59	62	W.	.23	Depth of unmelted Snow on ground at end of month, 0.
21	29.92	59	68	W.	.00	Dates of Auroras, 0.
22	29.81	57	84	S.W.	.06	Dates of Solar Halos, 16th.
23	30.10	50	52	N.W.	.00	Dates of Lunar Halos, 18th.
24	30.21	52	60	W.	.00	Thunder storm, 3d, 6th, 19th.
25	30.38	62	72	S.	.00	Mean Max. Temp., 70.0. Dates of Frosts, 0.
26	30.32	64	87	S.W.	.00	Mean Min. Temp., 55.0.
27	30.20	67	83	S.W.	.00	COMPARATIVE TEMPERATURE.
28	30.22	61	82	N.E.	T	1871 59
29	30.24	56	84	E.	.00	1872 64
30	29.74	68	86	S.	.51	1873 62
						1874 64
						1875 59
						1876 59
						1877 64
						1878 63
						1879 61
						1880 64
						1881 66
						1882 63
						1883 59
						1884 66
						1885 60
						1886 63
						1887 60
						1888 60
						1889 63
						1890 63
						1891 67
						1892 62
						1893 60
						1894 65
						1895 66
						1896 62
TOTALS	—	—	—	—	6.20	COMPARATIVE PRECIPITATIONS.
MEANS	30.05	62	79	S.W.	.206	1871 1.30 In.
						1872 6.04
						1873 2.91
						1874 2.05
						1875 3.12
						1876 3.84
						1877 3.60
						1878 3.47
						1879 1.84
						1880 2.36
						1881 2.50
						1882 10.93
						1883 1.50
						1884 0.31
						1885 1.70
						1886 2.73
						1887 0.97
						1888 6.77
						1889 3.19
						1890 5.04
						1891 2.29
						1892 1.90
						1893 1.69
						1894 2.11
						1895 1.63
						1896 6.20

Average mean temperature for 26 years, 62.

Average precipitation, for 26 years, 3.15.

*T indicates trace of precipitation.

HEALTH DEPARTMENT OF THE CITY OF BOSTON.



Statement of Deaths for the month of October, 1896.

With an enumeration of the more prominent causes; accompanied by an abstract of Meteorological Observations.

Published by order of the Board of Health.

SAMUEL H. DURGIN, M.D.,

Chairman.

Deaths during the month of October, 1896, 879
Population estimated at 501,083. Rate per 1,000 inhabitants, 21.05

Total number 879

SEX.

Males 430

Females 449

CONDITION.

Married 257

Single 504

Widows 87

Widowers 25

Unknown 6

COLOR.

White 856

Colored 23

Total deaths of children { Under 1 year 184
Under 2 years 235
Under 5 years 290

Diarrhoeal diseases { Under 1 year 11
Under 2 years 14
Under 5 years 14
All ages 15

NATIVITY.

United States 579

Ireland 150

England 15

Scotland 4

Germany 18

British America 55

Italy 9

Russia 6

Other Countries 33

Unknown 10

PARENTAGE.

United States 178

Irish 293

English 20

Scotch 7

German 27

British American 69

Italian 21

Russian 16

Other Countries 88

Mixed 80

Unknown 80

Still-births during the month 51

Total Deaths with Principal Causes for the month

CAUSES OF DEATH.	Total Mortality for October, 1896.	Total Mortality for October, 1895.	AGE.																				SEX.		
			Under 3 mos.	3 mos. and under 6 mos.	6 months and under 1 year.	1 year and under 2 yrs.	2 years and under 3 yrs.	3 years and under 4 yrs.	4 years and under 5 yrs.	Total under 5 years.	5 years and under 10 yrs.	10 years and under 15 yrs.	15 years and under 20 yrs.	20 years and under 30 yrs.	30 years and under 40 yrs.	40 years and under 50 yrs.	50 years and under 60 yrs.	60 years and under 70 yrs.	70 years and under 80 yrs.	80 years and under 90 yrs.	90 years and under 100 yrs.	100 years and over.	Males.	Females.	
I. ZYMOTICS.																									
ALCOHOLISM	14	3												3	4	3	4							9	6
CROUP	6	12	1			1	2	2		6														3	3
CARUNCLE																									
CHOLERA MORBUS																									
CHOLERA INFANTUM	11	37			5	6				11														6	6
CEREBRO-SPINAL MENINGITIS	1											1												1	
CONGESTIVE FEVER																									
DIARRHŒA	3	10	1	1	1					3														1	2
DYSENTERY	1	7														1									1
DIPHTHERIA	54	51		1	3	8	9	9	5	35	15	1	2					1						29	25
ERYSIPELAS	2		1		1					2															2
INTERMITTENT FEVER		2																							
INFLUENZA																									
MEASLES	2	2			1	1				2														2	
PURPURA		1																							
PUERPERAL FEVER.	1														1										1
PYŒMIA		1																							
REMITTENT FEVER																									
RHEUMATISM	1	1																1							1
SCARLATINA	5	5				1		1	1	3	2													3	2
SMALL POX																									
SYPHILIS (CONGENITAL)	4	1	2		2					4														1	3
SYPHILIS	1															1									1
SEPTICŒMIA	5	4	1		1					2					2		1							2	3
TONSILLITIS																									
TYPHOID FEVER.	34	26					1			1	3		15	10		3	2							15	19
TYPHUS FEVER																									
WHOOPING COUGH	4	5		1	2	1				4														2	2
YELLOW FEVER.																									
OTHER ZYMOTIC DISEASES		1																							
II. CONSTITUTIONAL.																									
CANCER	25	28									1			2	1	6	3	9	3					7	18
HYDROCEPHALUS AND TUBERC. MENINGITIS	14	14	2	5	1	4		1		13	1													7	7
MARASMUS, SCROFULA & TABES MESENTERICA	36	63	15	15	3	1	1	1		36														17	19
PHTHISIS PULMONALIS	124	115		2	1	1				4	1		11	40	27	22	10	7	1	1				73	51
OTHER CONSTITUTIONAL DISEASES	22	16	1	1	2	2				6	2		1	5	1	1	3	2	1					9	13

of October, Classified by Cause, Age and Sex.

CAUSES OF DEATH.	Total Mortality for October, 1896.	Total Mortality for October, 1895.	AGE.																			SEX.				
			Under 3 mos.	3 mos. and under 6 mos.	6 mos. and under 1 year.	1 year and under 2 yrs.	2 years and under 3 yrs.	3 years and under 4 yrs.	4 years and under 5 yrs.	Total under 5 years.	5 years and under 10 yrs.	10 years and under 15 yrs.	15 years and under 20 yrs.	20 years and under 25 yrs.	25 years and under 30 yrs.	30 years and under 40 yrs.	40 years and under 50 yrs.	50 years and under 60 yrs.	60 years and under 70 yrs.	70 years and under 80 yrs.	80 years and under 90 yrs.	90 years and under 100 yrs.	100 years and over.	Males.	Females.	
III. LOCAL.																										
APOPLECTY	80	28	1		1					2					2	1	5	7	8	5				16	14	
BRIGHT'S DISEASE	10	13														3	4	2	1					9	1	
BRONCHITIS	26	32	3	1	4	3				11	1						1	5	6	2				9	17	
HEART DISEASE	66	75		1						1	1	2		4	9	13	12	14	7	3				30	36	
MENINGITIS	19	24	2		5	4	3			14	2	1		1	1									4	15	
NEPHRITIS	18	16					1			1			1	1	2	7	3	2		1				10	8	
PLEURISY																										
PNEUMONIA	77	77	4		7	17	4	4	1	37	2		1	4	7	7	7	6	3	1	2			36	41	
OTHER LOCAL DISEASES	135	151	13	5	4	4	3	1	1	31	3	4	2	14	16	10	20	17	11	5	2			65	70	
IV. DEVELOPMENTAL.																										
CYANOSIS	1	2	1							1														1		
INANITION	7	13	7							7														4	3	
OLD AGE	15	20																5	4	4	2			5	10	
PREMATURE BIRTH	13	15	13							13														7	6	
PUERP'L DISEASES (not includ'g Puerp'l Fever)	3	1											1	1	1										3	
OTHER DEVELOPMENTAL DISEASES	35	34	15	6	4	1				26	1					1	1	1	4	1				12	23	
V. VIOLENT.																										
ACCIDENTAL	39	34	3		1	1		1	2	8		1		8	6	7	3	4	2					27	12	
HOMICIDAL	2	1												1			1							2		
SUICIDAL	7	10												2	2	3								4	3	
OTHER VIOLENT CAUSES		2																								
UNKNOWN CAUSES	6	5	4			1	1			6														2	4	
TOTAL FROM ALL CAUSES	879	946	90	44	50	51	25	30	10	290	31	14	19	101	93	85	81	83	53	23	6			43	449	
TOTAL FROM ZYMOTIC DISEASES	149	159																								
INCLUDING TUBERCULAR DISEASES	315	324																								
TOTAL FROM CONSTITUTIONAL DISEASES	221	234	18	23	7	8	1	2		59	5		12	47	29	29	16	18	5	1				113	108	
" " LOCAL do.	381	416	23	7	21	23	11	5	2	97	9	7	4	24	37	41	52	53	36	17	4			179	202	
" " DEVELOPMENTAL do.	74	85	36	6	4	1				47		1	1	1	1	1	1	6	8	5	2			29	45	
" " VIOLENT CAUSES	48	47	3		1	1		1	2	8		1		11	8	10	4	4	2					33	15	

Comparative Statement of Cases of Contagious Disease reported to the Board of Health for the month of October, 1896, and for the corresponding month in 1895.

CASES REPORTED DURING OCTOBER, 1896.			CASES REPORTED DURING OCTOBER, 1895.		
	City.	Quarantine.		City.	Quarantine.
Diphtheria	461	....	Diphtheria	412	....
Measles	194	....	Measles	18	....
Small Pox . . . . .	....	....	Small Pox . . . . .	....	....
Scarlatina	81	....	Scarlatina	127	....
Typhoid Fever	221	....	Typhoid Fever	187	....
Typhus Fever . . . . .	....	....	Typhus Fever . . . . .	....	....
Yellow Fever . . . . .	....	....	Yellow Fever . . . . .	....	....

METEOROLOGICAL OBSERVATIONS TAKEN AT THE WEATHER BUREAU STATION, BOSTON.
For the month of October, 1896, as reported by J. W. SMITH, L. F. O.

DATE.	DAILY MEAN BAROMETER.	DAILY MEAN TEMPERATURE.	DAILY MEAN HUMIDITY.	PREVAILING DIRECTION OF WIND.	DAILY RAIN FALL.	GENERAL ITEMS.	
1	29.81	64	74	S.W.	.01	Mean Barometer, 30.04.	
2	29.90	54	92	N.	.02	Highest Barometer, 30.60, on the 10th.	
2	30.16	52	82	N.	.00	Lowest Barometer, 29.52, on the 24th.	
4	30.23	52	85	N.E.	.14	Monthly Range of Barometer, 1.08.	
5	30.16	50	88	N.E.	.12	Mean Temperature, 50.6.	
6	30.09	48	84	N.	.18	Highest Temperature, 76.0, on the 31st.	
7	29.92	49	80	W.	.01	Lowest Temperature, 33.0, on the 26th.	
8	30.14	48	64	W.	.00	Monthly Range of Temperature, 23.0.	
9	30.46	46	52	N.W.	.00	Greatest Daily Range of Temperature, 23.0 on the 8th.	
10	30.58	48	63	N.W.	.00	Least Daily Range of Temperature, 5.0 on the 18th.	
11	30.40	48	77	N.E.	.00	Mean Daily Range of Temperature, 18.0.	
12	30.12	48	69	N.E.	.00	Mean Daily Dew-point, 41.0.	
13	29.82	46	98	N.E.	1.03	Mean Daily Relative Humidity, 74.0.	
14	29.69	50	89	N.	.02	Prevailing Direction of Wind, W.	
15	29.63	48	92	N.	.44	Total Movement of Wind, 8,603 Miles.	
16	29.66	56	70	W.	.00	Highest Velocity of Wind and Direction, 50 miles N.E. on the 12th.	
17	29.98	48	66	W.	.00	Number of Foggy Days, 0.	Number of Fair Days, 6.
18	29.86	48	90	N.	.10	Number of Clear Days, 8.	Number of Cloudy Days, 17.
19	30.03	44	62	W.	.01	Total Number of Days on which Rain or Snow fell, 16.	
20	30.17	46	58	S.	.00	Depth of unmelted Snow on ground at end of month, 0.	
21	29.92	54	78	S.	.08	Dates of Auroras, 0.	
22	30.04	46	61	W.	.00	Dates of Solar Halos, 18th, 28th.	
23	29.92	47	72	S.	.04	Dates of Lunar Halos, 0.	
24	29.60	50	96	W.	.95	Thunder storm, 0.	Dates of Frosts, 9th.
25	30.04	42	52	W.	.00	Mean Max. Temp., 57.0.	Mean Min. Temp., 44.0.
26	30.17	44	58	S.W.	.00	COMPARATIVE TEMPERATURE.	
27	30.22	54	50	S.W.	.00	1871	54
28	30.47	48	74	N.E.	.00	1872	52
29	30.23	52	79	S.W.	.04	1873	53
30	30.03	64	86	S.W.	.00	1874	53
31	29.84	68	71	W.	.01	1875	40
						1876	48
						1877	51
						1878	55
						1879	56
						1880	51
						1881	53
						1882	55
						1883	47
						1884	52
						1885	61
						1886	52
						1887	51
						1888	49
						1889	43
						1890	51
						1891	52
						1892	53
						1893	55
						1894	54
						1895	50
						1896	50
						COMPARATIVE PRECIPITATIONS.	
						1871	5.88 In.
						1872	4.85
						1873	5.33
						1874	1.39
						1875	4.99
						1876	1.66
						1877	8.84
						1878	6.76
						1879	0.91
						1880	3.15
						1881	2.84
						1882	2.29
						1883	6.40
						1884	3.17
						1885	5.71
						1886	3.27
						1887	2.53
						1888	3.58
						1889	3.31
						1890	5.63
						1891	5.56
						1892	2.31
						1893	2.94
						1894	6.11
						1895	6.19
						1896	3.15
TOTALS	—	—	—	—	8.15		
MEANS	30.04	50	74	W.	.101		

Average mean temperature for 26 years, 51.

Average precipitation, for 26 years, 4.14.

*T Indicates trace of precipitation.

975

HEALTH DEPARTMENT OF THE CITY OF BOSTON.

B. P. L.

Rec'd FEB 19 1897

A.M.

Statement of Deaths for the month of November, 1896.

With an enumeration of the more prominent causes; accompanied by an abstract of Meteorological Observations.

Published by order of the Board of Health.

SAMUEL H. DURGIN, M.D.,
Chairman.

Deaths during the month of November, 1896, 815
Population estimated at 501,083. Rate per 1,000 inhabitants, 19.51

Total number 815

SEX.

Males 432

Females 383

CONDITION.

Married 229

Single 451

Widows 93

Widowers 36

Unknown 6

COLOR.

White 786

Colored 29

Total deaths of children { Under 1 year 145
Under 2 years 191
Under 5 years 260

Diarrhoeal diseases { Under 1 year 5
Under 2 years 5
Under 5 years 5
All ages 8

NATIVITY.

United States 525

Ireland 162

England 14

Scotland 5

Germany 19

British America 48

Italy 8

Russia 8

Other Countries 17

Unknown 9

PARENTAGE.

United States 182

Irish 278

English 17

Scotch 6

German 27

British American 64

Italian 14

Russian 25

Other Countries 52

Mixed 67

Unknown 83

Still-births during the month 58

Total Deaths with Principal Causes for the month

CAUSES OF DEATH.	Total Mortality for November, 1898.	Total Mortality for November, 1895.	AGE.																			SEX.				
			Under 3 mos.	3 mos. and under 6 mos.	6 months and under 1 year.	1 year and under 2 yrs.	2 years and under 3 yrs.	3 years and under 4 yrs.	4 years and under 5 yrs.	Total under 5 years.	5 years and under 10 yrs.	10 years and under 15 yrs.	15 years and under 20 yrs.	20 years and under 30 yrs.	30 years and under 40 yrs.	40 years and under 50 yrs.	50 years and under 60 yrs.	60 years and under 70 yrs.	70 years and under 80 yrs.	80 years and under 90 yrs.	90 years and under 100 yrs.	100 years and over.	Males.	Females.		
I. ZYMOTICS.																										
ALCOHOLISM	8	10													1	3	1							5	1	
CROUP	6	12	1				2		1	4	2													1	5	
CARRIENCLE																										
CHOLERA MORBUS																										
CHOLERA INFANTUM	2	5	1		1						2													1	1	
CEREBRO-SPINAL MENINGITIS	5	2			1				1	2		1	2											2	3	
CONGESTIVE FEVER																										
DIARRHŒA	4	2	1	1	1						3								1					3	1	
DYSENTERY	2	3										1							1						2	
DIPHTHERIA	60	69			5	9	12	11	5	42	16	2												42	18	
ERYSIPELAS	2	1	1								1								1						2	
INTERMITTENT FEVER																										
INFLUENZA																										
MEASLES	1				1					1															1	
PURPURA																										
PUERPERAL FEVER.	2												1		1										2	
PYŒMIA		1																								
REMITTENT FEVER																										
RHEUMATISM	1																	1						1		
SCARLATINA	15	4			4	2	2	1	9	5						1								6	9	
SMALL POX																										
SYPHILIS (CONGENITAL)	1	2	1						1															1		
SYPHILIS		1																								
SEPTICŒMIA	8	7				1			1					3	1	1		1	1					2	6	
TONSILLITIS.																										
TYPHOID FEVER.	23	13									1	1		6	8	2	3	1	1					10	13	
TYPHUS FEVER																										
WHOOPING COUGH	4	2		3	1				4															2	2	
YELLOW FEVER																										
OTHER ZYMOTIC DISEASES																										
II. CONSTITUTIONAL.																										
CANCER	35	41													1	4	8	8	7	4	1			12	21	
HYDROCEPHALUS AND TUBERC. MENINGITIS	14	7	1	2	1	2	3		2	11	1			1	1									7	7	
MARASMUS, SCROFULA & TABES MESENTERICA	26	23	8	2	3	1	2			16					1			1	2					12	8	
PHthisis PULMONALIS	91	115				3	2			5		1	6	34	25	10	4	5	1					52	39	
OTHER CONSTITUTIONAL DISEASES	15	15		1				1	1	3				3	4	3	1	1						9	6	

of November, Classified by Cause, Age and Sex.

CAUSES OF DEATH.	Total Mortality for November, 1896.	Total Mortality for November, 1895.	AGE.																				SEX.	
			Under 3 mos.	3 mos. and under 6 mos.	6 mos. and under 1 year.	1 year and under 2 yrs.	2 years and under 3 yrs.	3 yrs. and under 4 yrs.	4 yrs. and under 5 yrs.	Total under 5 years.	5 years and under 10 yrs.	10 years and under 15 yrs.	15 years and under 20 yrs.	20 years and under 30 yrs.	30 years and under 40 yrs.	40 years and under 50 yrs.	50 years and under 60 yrs.	60 years and under 70 yrs.	70 years and under 80 yrs.	80 years and under 90 yrs.	90 years and under 100 yrs.	100 years and over.	Males.	Females.
III. LOCAL.																								
APOPLEXY	38	33	2						2				1	1	3	6	6	15	4				26	12
BRIGHT'S DISEASE	8	16											2		2	2	1	1					4	
BRONCHITIS	26	32	6	1	3	2		1	13					1	2	2	4	3	1				12	14
HEART DISEASE	54	75	1				1		2		1	1	3	5	6	9	13	13	1				20	34
MENINGITIS	17	15	1	3	2	1	2	3	12	1				2	1	1							8	9
NEPHRITIS	17	18				1			1		1		2	1	2	4	4	2					9	8
PLEURISY																								
PNEUMONIA	70	98	2	8	9	12	4	1	1	37			1	4	4	5	8	7	2	2			38	32
OTHER LOCAL DISEASES	140	120	21	7	4	6			38	1	4	3	11	17	20	14	22	11	7	1			74	75
IV. DEVELOPMENTAL.																								
CYANOSIS		1																						
INANITION	3	10	3						3														1	2
OLD AGE	17	20																5	11	1			9	8
PREMATURE BIRTH	17	15	17						17														11	6
PUERPERAL DISEASES (not includ'g Puerpl Fever)	2	1											1	1										2
OTHER DEVELOPMENTAL DISEASES	23	20	11	2	2	2			17				1		3		1	1					12	11
V. VIOLENT.																								
ACCIDENTAL	48	33	3			2	3		2	10	1		1	6	9	5	10	1	2	3			33	15
HOMICIDAL	1	1															1						1	
SUICIDAL	4	7												1	1	1		1					3	1
OTHER VIOLENT CAUSES	1	2													1									1
UNKNOWN CAUSES	5	8	2				1		3				1				1						3	2
TOTAL FROM ALL CAUSES	815	858	93	26	36	46	36	19	14	260	23	12	15	82	92	75	73	79	67	30	2		432	383
TOTAL FROM ZYMOTIC DISEASES	142	134																						
INCLUDING TUBERCULAR DISEASES	273	276	5	1	11	14	13	8	70	24	6	3	10	14	4	3	4	5					76	66
TOTAL FROM CONSTITUTIONAL DISEASES	173	199	9	4	5	6	7	1	3	35	1	1	6	39	35	21	13	14	7	1			92	81
“ “ LOCAL do.	379	407	33	19	18	22	7	5	1	105	2	6	5	23	31	41	46	57	47	15	1		191	188
“ “ DEVELOPMENTAL do.	62	67	31	2	2	2				37				2	1	3		1	6	11	1		33	29
“ “ VIOLENT CAUSES	54	43	3			2	3		2	10	1		1	7	11	6	11	2	2	3			37	17

Comparative Statement of Cases of Contagious Disease reported to the Board of Health for the month of November, 1896, and for the corresponding month in 1895.

CASES REPORTED DURING NOVEMBER, 1896.			CASES REPORTED DURING NOVEMBER, 1895.		
	City.	Quarantine.		City.	Quarantine.
Diphtheria	498	....	Diphtheria	630	....
Measles	396	....	Measles	24	..
Small Pox . . . . .	....	....	Small Pox . . . . .	....	....
Scarlatina	167	...	Scarlatina	120	....
Typhoid Fever	166	1	Typhoid Fever	109	....
Typhus Fever . . . . .	....	....	Typhus Fever . . . . .	....	....
Yellow Fever . . . . .	....	....	Yellow Fever . . . . .	....	....

METEOROLOGICAL OBSERVATIONS TAKEN AT THE WEATHER BUREAU STATION, BOSTON.

For the month of November, 1896, as reported by J. W. SMITH, L. F. O.

DATE.	DAILY MEAN BAROMETER.	DAILY MEAN TEMPERATURE.	DAILY MEAN HUMIDITY.	PREVAILING DIRECTION OF WIND.	DAILY RAIN FALL.	GENERAL ITEMS.
1	30.01	52	92	N. & S.W.	.00	Mean Barometer, 30.19.
2	30.16	56	66	W.	.00	Highest Barometer, 30.80, on the 23d.
3	30.39	46	75	E.	.00	Lowest Barometer, 29.62, on the 5th.
4	30.38	48	82	S.E.	.00	Monthly Range of Barometer, 1.18.
5	29.85	58	91	S.E.	1.00	Mean Temperature, 46.0.
6	29.78	55	74	S.W.	.04	Highest Temperature, 72.0, on the 27th.
7	29.06	51	68	S.W.	.00	Lowest Temperature, 22.0, on the 21st.
8	29.84	54	88	N.W.	.73	Monthly Range of Temperature, 50.0.
9	29.78	44	67	N.W.	.00	Greatest Daily Range of Temperature, 30.0 on the 19th.
10	30.88	44	62	W.	.00	Least Daily Range of Temperature, 6.0 on the 25th.
11	30.08	52	78	S.E.	.03	Mean Daily Range of Temperature, 16.0.
12	30.04	50	67	W.	T	Mean Daily Dew-point, 39.0.
13	29.89	40	87	N.W.	.13	Mean Daily Relative Humidity, 79.0.
14	30.14	32	62	N.W.	.27	Prevailing Direction of Wind, N.W.
15	30.08	41	62	S.W.	.00	Total Movement of Wind, 7,961 Miles.
16	30.17	54	66	S.W.	.00	Highest Velocity of Wind and Direction, 38 miles S.W. on the 15th.
17	30.12	61	73	S.W.	.00	Number of Days with Fog, 2.
18	30.20	52	86	N.E.	.00	Number of Fair Days, 4.
19	30.09	48	75	N.W.	.00	Number of Clear Days, 7.
20	30.60	28	58	N.W.	.00	Total Number of Days on which Rain or Snow fell, 13.
21	30.31	31	86	N.W.	.30	Depth of unmelted Snow on ground at end of month, 1.2 inch.
22	30.39	36	80	N.W.	.13	Dates of Auroras, 0.
23	30.74	32	81	N.W.	.00	Dates of Solar Halos, 20th, 22d.
24	30.38	48	85	S.W.	.06	Dates of Lunar Halos, 16th, 17th, 18th.
25	30.56	48	84	E.	T	Thunder storm, 0.
26	30.30	48	100	E.	.30	Dates of Frosts, 0.
27	30.09	04	90	S.W.	T	Mean Max. Temp., 54.0.
28	30.06	57	94	S.W.	.20	Mean Min. Temp., 38.0.
29	30.34	88	88	N.W.	.31	COMPARATIVE TEMPERATURE.
30	30.31	81	92	N.W.	.20	1871 37
TOTALS	—	—	—	—	8.70	1872 40
MEANS	30.19	46	79	N.W.	.123	1873 33
						1874 41
						1875 34
						1876 40
						1877 48
						1878 40
						1879 39
						1880 37
						1881 42
						1882 38
						1883 42
						1884 41
						1885 44
						1886 43
						1887 42
						1888 45
						1889 45
						1890 42
						1891 41
						1892 41
						1893 42
						1894 38
						1895 45
						1896 46

Average mean temperature for 26 years, 41.

Average precipitation, for 26 years, 4.52.

*T indicates trace of precipitation.

HEALTH DEPARTMENT OF THE CITY OF BOSTON.

Rec'd FEB 19 1897

A.M.

Statement of Deaths for the month of December, 1896.

With an enumeration of the more prominent causes; accompanied by an abstract of Meteorological Observations.

Published by order of the Board of Health.

SAMUEL H. DURGIN, M.D.,

Chairman.

Deaths during the month of December, 1896, 917

Population estimated at 501,083.

Rate per 1,000 inhabitants, 21.96

Total number 917

SEX.

Males 485

Females 432

CONDITION.

Married 289

Single 472

Widows 99

Widowers 50

Unknown 7

COLOR.

White 887

Colored 30

Total deaths of children { Under 1 year 148
Under 2 years 193
Under 5 years 268

Diarrhoeal diseases { Under 1 year 1
Under 2 years 1
Under 5 years 1
All ages 5

NATIVITY.

United States 599

Ireland 168

England 18

Scotland 6

Germany 19

British America 59

Italy 14

Russia 5

Other Countries 18

Unknown 11

PARENTAGE.

United States 219

Irish 315

English 14

Scotch 6

German 23

British American 64

Italian 22

Russian 25

Other Countries 61

Mixed 64

Unknown 104

Still-births during the month 59

Total Deaths with Principal Causes for the month

CAUSES OF DEATH.	Total Mortality for		AGE.																	SEX.					
	December, 1895.	Total Mortality for December, 1895.	Under 3 mos.	3 mos. and under 6 mos.	6 months and under 1 year.	1 year and under 2 yrs.	2 years and under 3 yrs.	3 years and under 4 yrs.	4 years and under 5 yrs.	Total under 5 years.	5 years and under 10 yrs.	10 years and under 15 yrs.	15 years and under 20 yrs.	20 years and under 30 yrs.	30 years and under 40 yrs.	40 years and under 50 yrs.	50 years and under 60 yrs.	60 years and under 70 yrs.	70 years and under 80 yrs.	80 years and under 90 yrs.	90 years and under 100 yrs.	100 years and over.	Males.	Females.	
I. ZYMOTICS.																									
ALCOHOLISM	7	7													4	1		1	1					5	11
CROUP	9	5		2		1	1	3		7	2													6	11
CARBUNCLE																									
CHOLERA MORBUS		1																							
CHOLERA INFANTUM																									
CEREBRO-SPINAL MENINGITIS	2			1						1	1													1	1
CONGESTIVE FEVER																									
DIARRHŒA	4	2	1							1								1	2					2	2
DYSENTERY	1	1																1							1
DIPHTHERIA	45	83			2	7	13	5	2	29	13			1										20	23
ERYSIPELAS	3	3																1	2						3
INTERMITTENT FEVER		1																							
INFLUENZA		1																							
MEASLES	4			1	3					4														1	3
PURPURA																									
PUERPERAL FEVER	2	3												1	1										2
PYŒMIA																									
REMITTENT FEVER	1										1														1
RHEUMATISM		1																							
SCARLATINA	22	4			1		9	3	3	16	4	1	1											11	11
SMALL POX																									
SYPHILIS (CONGENITAL)	7	1	7							7														6	1
SYPHILIS	1																1							1	
SEPTICŒMIA	3	2												1	1		1								3
TONSILLITIS																									
TYPHOID FEVER	14	18											2	9	3									8	6
TYPHUS FEVER																									
WHOOPING COUGH	5	6	2	1	1		1			3														2	3
YELLOW FEVER																									
OTHER ZYMOTIC DISEASES	2															1	1							2	
II. CONSTITUTIONAL.																									
CANCER	31	34													2	6	9	6	5	3				14	17
HYDROCEPHALUS AND TUBERC. MENINGITIS	16	16		3	4	2	2	2	1	14		1				1								8	8
MARASMUS, SCROFULA & TABES MESENTERICA	15	22	6	5	2		1			14											1			7	8
PHTHISIS PULMONALIS	99	112				2				2			9	33	28	17	4	5	1					49	59
OTHER CONSTITUTIONAL DISEASES	21	24					2	1	3					4	3	3	3	3	2					9	12

of December, Classified by Cause, Age and Sex.

CAUSES OF DEATH.	Total Mortality for December, 1896.	Total Mortality for December, 1895.	AGE.																				SEX.	
			Under 3 mos.																		Total under 5 years.	100 years and over.	Males.	Females.
			3 mos. and under 6 mos.	6 mos. and under 1 year.	1 year and under 2 yrs.	2 years and under 3 yrs.	3 years and under 4 yrs.	4 years and under 5 yrs.	5 years and under 10 yrs.	10 years and under 15 yrs.	15 years and under 20 yrs.	20 years and under 30 yrs.	30 years and under 40 yrs.	40 years and under 50 yrs.	50 years and under 60 yrs.	60 years and under 70 yrs.	70 years and under 80 yrs.	80 years and under 90 yrs.	90 years and under 100 yrs.					
III. LOCAL.																								
APoplexy	34	39						1	1					1	4	8	6	6	6	1	1		18	16
Bright's Disease	12	18						1	1					1	2	2	3		2	1			5	
BRONCHITIS	37	33	4	3	4	5	1		1	18				2	3	1	2	4	3	3	1		19	18
HEART DISEASE	69	67	2				1		3		1	2	2	7	11	11	13	13	6				37	32
MENINGITIS	16	24	1		2	5	1	1	10	3			1		1	1							7	9
NEPHRITIS	21	25						1	1	2		1	2	1	2	2	4	4	2	1			14	7
PLEURISY		2																						
PNEUMONIA	129	131	8	5	14	14	9	3	2	55		1	2	8	13	14	14	7	8	6	1		71	58
OTHER LOCAL DISEASES	153	131	11	9	4	4	2		30	2	1	3	14	15	24	18	21	17	7	1			83	70
IV. DEVELOPMENTAL.																								
CYANOSIS	2	1	2							2													1	1
INANITION	7	9	7							7													1	6
OLD AGE	18	23																2	5	8	3		6	12
PREMATURE BIRTH	17	10	17							17													11	6
PUERPERAL DISEASES (not includ'g Puerperal Fever)	1	4													1									1
OTHER DEVELOPMENTAL DISEASES	13	17	9							9					1			1	1	1			6	7
V. VIOLENT.																								
ACCIDENTAL	61	36	3		2	1			1	7	3	1	2	13	16	6	6	2	3	2			43	18
HOMICIDAL	1													1										1
SUICIDAL	8	4											1	2	1	2		1	1				6	2
OTHER VIOLENT CAUSES	1	3	1							1													1	
UNKNOWN CAUSES	5	10	1			1				2				1	1	1							4	1
TOTAL FROM ALL CAUSES	917	929	82	29	37	45	43	21	11	268	29	7	24	96	108	102	87	80	69	39	8		485	432
TOTAL FROM ZYMOTIC DISEASES	130	139																						
INCLUDING TUBERCULAR DISEASES	267	303	10	4	5	11	24	11	5	70	21	1	8	12	9	3	6	5					65	65
TOTAL FROM CONSTITUTIONAL DISEASES	182	203	6	8	6	4	5	3	1	33		1	9	37	33	27	16	14	8	3	1		87	95
" " LOCAL do.	471	470	26	17	24	28	14	7	4	120	5	4	9	30	46	63	59	55	51	25	4		254	217
" " DEVELOPMENTAL do.	58	64	35							35					2			3	6	9	3		25	33
" " VIOLENT CAUSES	71	43	4		2	1			1	8	3	1	3	16	17	8	6	3	4	2			50	21

Comparative Statement of Cases of Contagious Disease reported to the Board of Health for the month of December, 1896, and for the corresponding month in 1895.

CASES REPORTED DURING DECEMBER, 1896.				CASES REPORTED DURING DECEMBER, 1895.			
	City.	Quarantine.			City.	Quarantine.	
Diphtheria	466	....		Diphtheria	561	....
Measles	559	....		Measles	42	..	
Small Pox . . . . .	....	....		Small Pox . . . . .	....	....
Scarlatina	176	....		Scarlatina	113	....
Typhoid Fever	110	....		Typhoid Fever	62	....
Typhus Fever . . . . .	....	....		Typhus Fever . . . . .	....	....
Yellow Fever . . . . .	....	....		Yellow Fever . . . . .	....	....

METEOROLOGICAL OBSERVATIONS TAKEN AT THE WEATHER BUREAU STATION, BOSTON
For the month of December, 1896, as reported by J. W. SMITH, L. F. O.

DATE.	DAILY MEAN BAROMETER.	DAILY MEAN TEMPERATURE.	DAILY MEAN HUMIDITY.	PREVAILING DIRECTION OF WIND.	DAILY RAIN FALL.	GENERAL ITEMS.
1	30.37	32	74	W.	.00	Mean Barometer, 30.14.
2	30.45	23	67	N.W.	.00	Highest Barometer, 30.90, on the 27th.
3	30.34	20	68	N.W.	T	Lowest Barometer, 29.45, on the 9th.
4	30.32	38	74	S.W.	.00	Monthly Range of Barometer, 1.55.
5	30.10	47	76	S.W.	.02	Mean Temperature, 30.6.
6	30.11	45	74	S.W.	.00	Highest Temperature, 58.0, on the 13th.
7	30.12	45	71	N.W.	.00	Lowest Temperature, 4.0, on the 27th.
8	30.25	38	77	N.W.	.99	Monthly Range of Temperature, 54.0.
9	29.49	47	91	S.W.	.00	Greatest Daily Range of Temperature, 24.0 on the 28th.
10	29.70	44	72	S.W.	.00	Least Daily Range of Temperature, 5.0 on the 23d.
11	30.02	37	78	N.E.	.00	Mean Daily Range of Temperature, 0.
12	30.27	41	68	S.W.	T	Mean Daily Dew-point, 0.
13	29.74	49	81	S.W.	T	Mean Daily Relative Humidity, 67.8.
14	30.04	37	54	N.W.	.00	Prevailing Direction of Wind, S.W.
15	30.15	26	74	N.E.	.00	Total Movement of Wind, 9,347 Miles.
16	29.77	24	92	N.	.43	Highest Velocity of Wind and Direction, 40 miles N. on the 16th.
17	30.10	28	50	N.W.	T	Number of Days with Fog, 0.
18	30.06	31	72	N.W.	T	Number of Fair Days, 9.
19	29.90	28	62	W.	T	Number of Clear Days, 12.
20	30.01	23	46	W.	.00	Total Number of Days on which Rain or Snow fell, 4.
21	29.93	28	62	W.	.00	Depth of unmelted Snow on ground at end of month, 1.5 inch.
22	30.00	22	62	N.W.	.00	Dates of Auroras, 3d.
23	29.92	20	68	N.	.26	Dates of Solar Halos, 13th, 19th, 23d.
24	30.23	13	64	N.W.	.00	Dates of Lunar Halos, 25th, 29th.
25	30.42	16	62	N.W.	.00	Thunder storm, 0.
26	30.16	28	57	S.W.	.00	Mean Max. Temp., 38.6.
27	30.80	12	54	N.W.	.00	COMPARATIVE TEMPERATURE.
28	30.77	21	52	S.W.	.00	1871 28
29	30.40	33	56	S.W.	.00	1872 24
30	30.26	28	82	S.W.	.00	1873 31
31	30.35	35	56	S.W.	.00	1874 31
TOTALS	—	—	—	—	1.70	1875 29
MEANS	30.14	30	67	S.W.	.055	1876 22
						1877 35
						1878 30
						1879 32
						1880 26
						1881 38
						1882 30
						1883 29
						1884 33
						1885 33
						1886 29
						1887 32
						1888 36
						1889 38
						1890 26
						1891 40
						1892 30
						1893 30
						1894 32
						1895 36
						1896 30

Average mean temperature for 26 years, 31.

Average precipitation, for 26 years, 3.35.

*T indicates trace of precipitation.

SUMMARY OF DEATHS IN BOSTON.

With Principal Causes, for the year 1896. Compared with those of 1895.

Published by order of the Board of Health.

SAMUEL H. DURGIN, M.D.,

Chairman.

	1896.	1895.		1896.	1895.
Total No. of deaths from all causes . .	11,634	11,329	Influenza	15	69
Population (estimated)	516,305	501,083	Intermittent Fever	5	5
Annual death rate per 1000 inhabitants	22.53	22.60	Measles	27	19
Total No. from Zymotic diseases . .	1,985	1,968	Purpura	9	8
Percentage of deaths from Zymotic dis-			Puerperal Fever	20	14
eases to total mortality	17.06	17.37	Pyæmia	8	5
Total No. of Still-births	648	607	Remittent Fever	1	1
Total deaths of children under 1 year .	2,670	2,580	Rheumatism	21	21
“ “ “ “ 2 years .	3,345	3,269	Scarlatina	121	114
“ “ “ “ 5 years .	4,055	3,935	Small-Pox	—	—
Percentage of deaths under 5 years to			Syphilis (congenital)	40	26
total mortality	34.85	34.73	Syphilis	6	8
Total No. of deaths from diarrhæal dis-			Septicæmia	53	62
eases, under 5 years	642	559	Tonsillitis	2	2
Total No. of deaths from diarrhæal dis-			Typhoid Fever	162	163
eases, all ages	713	627	Typhus Fever	—	—
Percentage of deaths from diarrhæal dis-			Whooping Cough	67	47
eases to total mortality	6.13	5.53	Yellow Fever	—	—
Alcoholism	86	70	Other Zymotic Diseases	4	4
Croup	56	66	Cancer	389	391
Carbuncle	2	—	Phthisis Pulmonalis	1,328	1,349
Cholera Morbus	29	15	Bright's Disease	119	143
Cholera Infantum	575	500	Bronchitis	375	439
Cerebro Spinal Meningitis	21	15	Heart Disease	861	870
Diarrhœa	65	69	Pneumonia	1,387	1,268
Dysentery	44	43	Old Age	230	252
Diphtheria	516	588	Violent Deaths	584	580
Erysipelas	30	34			

HEALTH DEPARTMENT OF THE CITY OF BOSTON.

Rec'd APR 27 1897

A.M.

Statement of Deaths for the month of January, 1897.

With an enumeration of the more prominent causes; accompanied by an abstract of Meteorological Observations.

Published by order of the Board of Health.

SAMUEL H. DURGIN, M.D.,

Chairman.

Deaths during the month of January, 1897, 994

Population estimated at 516,305.

Rate per 1,000 inhabitants, 23.10

Total number 994

SEX.

Males 468

Females 526

CONDITION.

Married 331

Single 499

Widows 123

Widowers 39

Unknown 2

COLOR.

White 976

Colored 18

Total deaths of children { Under 1 year 166
Under 2 years 223
Under 5 years 280

Diarrhœal diseases { Under 1 year 3
Under 2 years 4
Under 5 years 4
All ages 5

NATIVITY.

United States 630

Ireland 198

England 22

Scotland 8

Germany 13

British America 74

Italy 10

Russia 10

Other Countries 17

Unknown 12

PARENTAGE.

United States 236

Irish 340

English 24

Scotch 10

German 26

British American 62

Italian 22

Russian 31

Other Countries 81

Mixed 67

Unknown 95

Still-births during the month 52

Total Deaths with Principal Causes for the month

CAUSES OF DEATH.	Total Mortality for January, 1897.	Total Mortality for January, 1896.	AGE.																			SEX.				
			Under 3 months.	3 months and under 6 months.	6 months and under 1 year.	1 year and under 2 years.	2 years and under 3 years.	3 years and under 4 years.	4 years and under 5 years.	Total under 5 years.	5 years and under 10 years.	10 years and under 15 years.	15 years and under 20 years.	20 years and under 30 years.	30 years and under 40 years.	40 years and under 50 years.	50 years and under 60 years.	60 years and under 70 years.	70 years and under 80 years.	80 years and under 90 years.	90 years and under 100 years.	100 years and over.	Males.	Females.		
I. ZYMOTICS.																										
ALCOHOLISM	2	5												2										1	1	
CROUP	4	5			1	1	2		4															1	3	
CARRUNCLE		1																								
CHOLERA MORBUS	1																	1						1		
CHOLERA INFANTUM	2			2					2															1	1	
CEREBRO SPINAL MENINGITIS.	1	1					1		1															1		
CONGESTIVE FEVER																										
DIARRHOEA	2	1			1	1			2															2		
DYSENTERY		1																								
DIPHTHERIA	60	49			3	13	9	12	2	39	16		2	2			1							27	33	
ERYSIPELAS	4	5	2							2			1				1							1	3	
INTERMITTENT FEVER		1																								
INFLUENZA	1	4													1									1		
MEASLES	3		1	1	1					3														2	1	
PURPURA	2				1					1		1													2	
PUERPERAL FEVER	1													1											1	
PYEMIA		3																								
REMITTENT FEVER																										
RHEUMATISM	4	4			1					1						1		2						2	2	
SCARLATINA	18	4				2	4	3	2	11	2	1	2		2									8	10	
SMALL POX																										
SYPHILIS (CONGENITAL)	2	2	2							2														1	1	
SYPHILIS																										
SEPTICEMIA	9			1						1				1	5	1		1						2	7	
TONSILLITIS		1																								
TYPHOID FEVER	14	14				1				1	1		1	5	4	1			1					9	5	
TYPHUS FEVER																										
WHOOPING COUGH	3	7		2			1			3														1	2	
YELLOW FEVER																										
OTHER ZYMOTIC DISEASES																										
II. CONSTITUTIONAL.																										
CANCER	34	33											1		2	8	11	6	5	1				11	23	
HYDROCEPHALUS AND TUBERC. MENINGITIS.	11	12	3	1		5	2		11															9	2	
MARASMUS, SCROFULA & TABES MESENTERICA	23	15	8	4	5	2			19									2	1	1				7	16	
PHTHISIS PULMONALIS	131	108	1		1	1			3		1	4	9	41	35	24	8	4	2					54	77	
OTHER CONSTITUTIONAL DISEASES	21	22		1	1	1			3				2	3	2	3	2	5	1					7	14	

of January, Classified by Cause, Age and Sex.

CAUSES OF DEATH.	Total Mortality for January, 1897.	Total Mortality for January, 1896.	AGE.																				SEX.		
			Under 3 months. 3 months and under 6 months. 6 months and under 1 year. 1 year and under 2 years. 2 years and under 3 years. 3 years and under 4 years. 4 years and under 5 years. Total under 5 years. 5 years and under 10 years. 10 years and under 15 years. 15 years and under 20 years. 20 years and under 30 years. 30 years and under 40 years. 40 years and under 50 years. 50 years and under 60 years. 60 years and under 70 years. 70 years and under 80 years. 80 years and under 90 years. 90 years and under 100 years. 100 years and over.																Males.	Females.					
III. LOCAL.																									
APoplexy	46	34														4	6	8	12	11	5			19	27
BRIGHT'S DISEASE	13	12											1	4	2			1	3	2				5	8
BRonCHITIS	40	41	7	1	6	7	1			22	1			2	2	1	3	5	3		1			16	24
HEART DISEASE	107	79		1				1		2	2		5	7	10	13	21	20	21	6				59	48
MENINGITIS	20	14	3	3	2	3	2		1	14		1		1	1	1		2						10	10
NEPHRITIS	15	32						1		1			1	3	4	2	2	1	1					8	7
PLEURISY	2								1	1				1										1	1
PNEUMONIA	140	150	12	11	7	14	2	2		48	3	1	3	8	12	12	22	15	13	2	1			69	71
OTHER LOCAL DISEASES	147	141	20	11		6		4	1	42	2	2	6	5	12	17	12	23	17	8	1			71	76
IV. DEVELOPMENTAL.																									
CYANOSIS		1																							
INANITION	7	8	6		1					7														5	2
OLD AGE	18	20																2	3	9	4			4	14
PREMATURE BIRTH	15	14	14	1						15														10	5
PUERP'L DISEASES (not includ'g Puerp'l Fever),	5	7												3	1	1									5
OTHER DEVELOPMENTAL DISEASES	16	32	9	1						10							1	2	2	1				10	6
V. VIOLENT.																									
ACCIDENTAL	34	19	2					3		5	3		1	3	11	4	2	3	2					25	9
HOMICIDAL		2																							
SUICIDAL	4	6											1		1	2								4	
OTHER VIOLENT CAUSES	6	1													1	3	1	1						2	4
UNKNOWN CAUSES	6	10	3	1						4				1				1						1	5
TOTAL FROM ALL CAUSES	994	921	93	42	31	57	24	26	7	280	31	10	35	92	114	100	96	111	85	33	7			468	526
TOTAL FROM ZYMOTIC DISEASES	133	108																							
INCLUDING TUBERCULAR DISEASES	304	252	5	6	8	18	17	15	4	73	19	2	5	10	14	3	2	4	1					61	72
TOTAL FROM CONSTITUTIONAL DISEASES	220	190	12	6	7	9	2			36	1	4	12	44	39	35	21	17	9	2				88	132
" " LOCAL do.	530	503	42	27	15	30	5	8	3	130	8	4	16	31	47	52	69	81	68	21	3			258	272
" " DEVELOPMENTAL do.	61	82	29	2	1					32				3	1	1	1	4	5	10	4			29	32
" " VIOLENT CAUSES	44	28	2					3		5	3		2	3	13	9	3	4	2					31	13

Comparative Statement of Cases of Contagious Disease reported to the Board of Health for the month of January, 1897, and for the corresponding month in 1896.

CASES REPORTED DURING JANUARY, 1897.			CASES REPORTED DURING JANUARY, 1896.		
	City.	Quarantine.		City.	Quarantine.
Diphtheria	481	....	Diphtheria	501	....
Measles	561	....	Measles	31	....
Small Pox . . . . .	....	....	Small Pox . . . . .	....	....
Scarlatina	185	....	Scarlatina	136	....
Typhoid Fever	57	....	Typhoid Fever	58	....
Typhus Fever . . . . .	....	....	Typhus Fever . . . . .	....	....
Yellow Fever . . . . .	....	....	Yellow Fever . . . . .	....	....

METEOROLOGICAL OBSERVATIONS TAKEN AT THE U. S. WEATHER BUREAU, BOSTON.

For the month of January, 1897, as reported by J. WARREN SMITH, Observer.

DATE.	DAILY MEAN BAROMETER.	DAILY MEAN TEMPERATURE.	DAILY MEAN HUMIDITY.	PREVAILING DIRECTION OF WIND.	DAILY RAIN FALL.	GENERAL ITEMS.
1	30.76	26	74	N.W.	.00	Mean Barometer, 30.05. Highest Barometer, 30.76, on the 1st.
2	30.62	38	78	S.W.	.00	Lowest Barometer, 28.98, on the 28th.
3	30.46	46	82	S.W.	.00	Monthly Range of Barometer, 1.78.
4	30.15	46	89	S.	T	Mean Temperature, 28.
5	29.65	48	92	S.	.69	Highest Temperature, 60, on the 5th.
6	29.76	32	84	S.W.	T	Lowest Temperature, 2, on the 12th.
7	30.26	31	66	S.W.	.00	Monthly Range of Temperature, 58.0.
8	30.39	23	70	N.	.00	Greatest Daily Range of Temperature, 34, on the 18th.
9	30.14	24	58	N.W.	.00	Least Daily Range of Temperature, 7, on the 15th.
10	29.82	36	68	S.W.	.00	Mean Daily Range of Temperature, 15.
11	29.74	35	76	S.W.	T	Mean Daily Dew-point, 20.
12	29.89	20	68	N.W.	T	Mean Daily Relative Humidity, 70.
13	30.29	16	59	N.W.	.00	Prevailing Direction of Wind, S.W.
14	30.18	23	60	N.	.00	Total Movement of Winds, 9,818 Miles.
15	30.27	28	78	N.	.00	Highest Velocity of Wind and Direction, 42 miles N.E., on the 28th.
16	30.26	34	72	S.W.	.00	Number of Foggy Days, 3.
17	30.17	35	80	S.	T	Number of Fair Days, 6.
18	29.62	35	75	S.	.25	Number of Cloudy Days, 16.
19	30.36	10	33	N.W.	T	Total Number of Days on which Rain or Snow fell, 5.
20	30.52	16	68	S.E.	T	Depth of unmelted Snow on ground at end of month, 11 inches.
21	29.68	38	90	E.	.66	Dates of Auroras, 3d.
22	29.68	36	59	S.W.	.00	Dates of Solar Halos, 11th, 17th.
23	29.62	30	60	W.	.08	Dates of Lunar Halos, 1st, 2d, 27th.
24	29.84	18	60	W.	.00	Thunder storm, 0.
25	29.64	12	50	S.W.	.00	Mean Max. Temp., 34.
26	29.58	22	53	W.	.00	COMPARATIVE TEMPERATURE.
27	29.89	26	76	S.W.	T	1871 26
28	29.30	26	94	N.E.	1.48	1872 27
29	29.87	24	60	W.	T	1873 26
30	30.42	24	62	N.W.	.00	1874 31
31	30.68	24	76	N.W.	.00	1875 20
TOTALS.....	—	—	—	—	3.16	1876 30
MEANS.....	30.05	28	70	S.W.	.102	1877 23
						1878 28
						1879 24
						1880 35
						1881 22
						1882 26
						1883 25
						1884 24
						1885 27
						1886 26
						1887 26
						1888 20
						1889 36
						1890 32
						1891 31
						1892 28
						1893 21
						1894 30
						1895 29
						1896 25
						1897 23

Average January temperature for 27 years, 27.

Average January precipitation for 27 years, 3.94.

*T indicates trace of precipitation.

HEALTH DEPARTMENT OF THE CITY OF BOSTON.

Statement of Deaths for the month of February, 1897,

RECEIVED APR 27 1897

With an enumeration of the more prominent causes; accompanied by an abstract of Meteorological Observations.

Published by order of the Board of Health.

SAMUEL H. DURGIN, M.D.,

Chairman.

Deaths during the month of February, 1897 946
Population estimated at 516,305. Rate per 1,000 inhabitants, 21.99

Total number 946

SEX.

Males 468

Females 478

CONDITION.

Married 284

Single 498

Widows 120

Widowers 36

Unknown 8

COLOR.

White 920

Colored 26

Total deaths of children { Under 1 year 164
Under 2 years 215
Under 5 years 280

Diarrhœal diseases { Under 1 year 0
Under 2 years 0
Under 5 years 0
All ages 1

NATIVITY.

United States 643

Ireland 157

England 23

Scotland 8

Germany 17

British America 64

Italy 10

Russia 6

Other Countries 10

Unknown 2

PARENTAGE.

United States 261

Irish 289

English 30

Scotch 15

German 17

British American 56

Italian 31

Russian 28

Other Countries 54

Mixed 68

Unknown 97

Still-births during the month 55

Total Deaths with Principal Causes for the month

CAUSES OF DEATH.	Total Mortality for February, 1897.	Total Mortality for February, 1896.	AGE.																		SEX.				
			Under 3 months.	3 months and under 6 months.	6 months and under 1 year.	1 year and under 2 years.	2 years and under 3 years.	3 years and under 4 years.	4 years and under 5 years.	Total under 5 years.	5 years and under 10 years.	10 years and under 15 years.	15 years and under 20 years.	20 years and under 30 years.	30 years and under 40 years.	40 years and under 50 years.	50 years and under 60 years.	60 years and under 70 years.	70 years and under 80 years.	80 years and under 90 years.	90 years and under 100 years.	100 years and over.	Males.	Females.	
I. ZYMOTICS.																									
ALCOHOLISM	1	5																1						1	
CROUP	10	5			1	2	1	1	2	7	3												6	4	
CARBUNCLE																									
CHOLERA MORBUS																									
CHOLERA INFANTUM																									
CEREBRO-SPINAL MENINGITIS.	2	2			1					1						1							2		
CONGESTIVE FEVER																									
DIARRHŒA	1	2																		1				1	
DYSENTERY																									
DIPHTHERIA	41	47		1	4	6	7	6	4	28	6	2		1	1	2		1					20	21	
ERYSIPELAS	3	1		1						1							1	1					2	1	
INTERMITTENT FEVER.																									
INFLUENZA	12	2	1							1				1	1	1	1		1	5	1		3	9	
MEASLES	3		1			1				2	1													3	
PURPURA	1		1							1													1		
PUERPERAL FEVER	2	1													2									2	
PYÆMIA		1																							
REMITTENT FEVER																									
RHEUMATISM		1																							
SCARLATINA	16	8			1	2	4	2	1	10	5		1										10	6	
SMALL POX																									
SYPHILIS (CONGENITAL)	3	2	1	1	1					3													1	2	
SYPHILIS	1	1													1								1		
SEPTICÆMIA	7	4			1					1					1	2	2	1					3	4	
TONSILLITIS																									
TYPHOID FEVER	7	6					1			1				1	1	1	1	1	1				2	5	
TYPHUS FEVER																									
WHOOPING COUGH	2	3			1	1				2													2		
YELLOW FEVER																									
OTHER ZYMOTIC DISEASES																									
II. CONSTITUTIONAL.																									
CANCER.	33	32												2	2	7	6	12	2	1	1		10	23	
HYDROCEPHALUS AND TUBERC. MENINGITIS.	17	17		4	3	4	2	1		14	2		1										10	7	
MARASMS, SCROFULA & TABES MESENTERICA	25	19	16	4	2	1				23					1			1					8	17	
PHTHISIS PULMONALIS	120	122	3		2	1	2	1		9	1	1	8	31	38	16	11	3	1	1			69	51	
OTHER CONSTITUTIONAL DISEASES	20	17		1		2		1		4	1	1	2	2	3	4	3						10	10	

of February, Classified by Cause, Age and Sex.

CAUSES OF DEATH.	Total Mortality for February, 1897.	Total Mortality for February, 1896.	AGE.																			SEX.				
			Under 3 months. 3 months and under 6 months. 6 months and under 1 year. 1 year and under 2 years. 2 years and under 3 years. 3 years and under 4 years. 4 years and under 5 years. 5 years and under 10 years. 10 years and under 15 years. 15 years and under 20 years. 20 years and under 30 years. 30 years and under 40 years. 40 years and under 50 years. 50 years and under 60 years. 60 years and under 70 years. 70 years and under 80 years. 80 years and under 90 years. 90 years and under 100 years. 100 years and over.																			Males.	Females.			
III. LOCAL.																										
APOPLEXY	33	47														2	3	6	6	11	5				11	2
BRIGHT'S DISEASE	4	15					1			1								1	2						3	1
BRONCHITIS	43	41	2	6	2	3	5	1	1	20								1	5	3	9	4	1		27	16
HEART DISEASE	82	71	1	1		1		1		4	3	1	1	4	12	14	15	16	9	3					42	40
MENINGITIS	29	24	2	4	1	5	3	2	1	18	5		1		1	2	2								12	17
NEPHRITIS	19	22									1			1	1	4	4	6	1	1					7	12
PLEURISY																										
PNEUMONIA	167	160	8	7	12	18	5	2	2	54	2		1	18	14	21	10	19	17	11					73	94
OTHER LOCAL DISEASES	137	124	13	5	2	4	4			28	7	1	4	14	24	15	16	13	12	3					72	65
IV. DEVELOPMENTAL.																										
CYANOSIS		1																								
INANITION	8	11	6	1						7										1					6	2
OLD AGE	19	23																1	9	8	1				5	14
PREMATURE BIRTH	13	11	13							13															8	5
PUERP'L DISEASES (not includ'g Puerp'l Fever),	2	3											1		1											2
OTHER DEVELOPMENTAL DISEASES	19	23	17	1	1					19															12	7
V. VIOLENT.																										
ACCIDENTAL	27	31	3						1	4				1	10	3	5		2	2					20	7
HOMICIDAL		1																								
SUICIDAL	5	12											1	3		1									4	1
OTHER VIOLENT CAUSES	5	2												1	4											5
UNKNOWN CAUSES	7	8	3	1						4					1		2								5	2
TOTAL FROM ALL CAUSES	946	928	91	38	35	51	34	19	12	280	37	6	20	81	121	99	92	85	75	46	4				468	478
TOTAL FROM ZYMOTIC DISEASES	112	91																								
INCLUDING TUBERCULAR DISEASES	260	268	4	3	10	12	12	10	7	58	15	2		4	7	7	5	5	2	6	1				54	58
TOTAL FROM CONSTITUTIONAL DISEASES	215	207	19	9	7	8	4	3		50	4	2	11	35	44	27	20	16	3	2	1				107	108
" " LOCAL "	514	504	26	23	17	31	18	6	4	125	18	2	7	37	54	61	60	63	59	27	1				247	267
" " DEVELOPMENTAL "	61	72	36	2	1					39			1		1			1	9	9	1				31	30
" " VIOLENT CAUSES	37	46	3						1	4			1	5	14	4	5		2	2					24	13

Comparative Statement of Cases of Contagious Disease reported to the Board of Health for the month of February, 1897, and for the corresponding month in 1896.

CASES REPORTED DURING FEBRUARY, 1897.			CASES REPORTED DURING FEBRUARY, 1896.		
	City.	Quarantine.		City.	Quarantine.
Diphtheria	368	....	Diphtheria	403	....
Measles	580	....	Measles	109	....
Small Pox . . . . .	....	....	Small Pox . . . . .	....	....
Scarlatina	154	....	Scarlatina	99	....
Typhoid Fever	35	....	Typhoid Fever	19	....
Typhus Fever . . . . .	....	....	Typhus Fever . . . . .	....	....
Yellow Fever . . . . .	....	....	Yellow Fever . . . . .	....	....

METEOROLOGICAL OBSERVATIONS TAKEN AT THE U. S. WEATHER BUREAU, BOSTON.

For the month of February, 1897, as reported by J. W. SMITH, L. F. O.

DATE.	DAILY MEAN BAROMETER.	DAILY MEAN TEMPERATURE.	DAILY MEAN HUMIDITY.	PREVAILING DIRECTION OF WIND.	DAILY RAIN FALL.	GENERAL ITEMS.
1	30.42	30	52	N.W.	.00.	Mean Barometer, 30.07.
2	29.98	28	78	S.W.	.00	Highest Barometer, 30.56, on the 28th.
3	29.88	28	70	S.W.	.00	Lowest Barometer, 29.54, on the 3d.
4	30.26	24	64	S.	.00	Monthly Range of Barometer, 1.02.
5	30.46	27	64	S.	.00	Mean Temperature, 31.
6	30.23	32	83	S.W.	.00	Highest Temperature, 52, on the 21st.
7	29.66	42	100	S.W.	.40	Lowest Temperature, 12, on the 28th.
8	29.83	40	91	N.	.00	Monthly Range of Temperature, 40.
9	29.99	36	89	N.W.	T	Greatest Daily Range of Temperature, 24, on the 14th.
10	30.20	28	92	S.W.	.00	Least Daily Range of Temperature, 7, on the 7th.
11	30.27	22	59	S.W.	.00	Mean Daily Range of Temperature, 13.
12	29.87	19	86	N.W.	.54	Mean Daily Dew-point, 22.
13	30.06	23	68	N.W.	.34	Mean Daily Relative Humidity, 71.
14	30.04	28	63	N.	.00	Prevailing Direction of Wind, N.W.
15	29.93	35	64	N.	.00	Total Movement of Winds, 7,992.
16	29.72	35	92	S.W.	.03	Highest Velocity of Wind and Direction, 32 N., on the 3d.
17	29.92	36	71	S.	.00	Number of Foggy Days, 0.
18	29.82	42	76	W.	.00	Number of Fair Days, 4.
19	30.10	32	56	N.W.	.00	Number of Clear Days, 13.
20	30.33	29	50	S.E.	.00	Total Number of Days on which Rain or Snow fell, 6.
21	29.84	41	80	E.	.11	Depth of unmelted Snow on ground at end of month, 0 inches.
22	30.10	36	72	S.W.	.00	Dates of Auroras, 0.
23	29.66	34	87	W.	.70	Dates of Solar Halos, 11th, 18th, 25th.
24	30.12	34	52	W.	.00	Date of Lunar Halos, 11th.
25	30.09	34	74	S.W.	.00	Thunder Storm, 0.
26	30.18	29	50	S.W.	.00	Mean Max. Temp., 38.
27	30.42	22	54	S.W.	.00	Mean Min. Temp., 24.
28	30.53	26	60	N.E.	.00	MEAN TEMPERATURE for this month is
29						Total Precipitation for this Month in Inches
30						1871 2.9
31						1872 2.31
						1873 5.21
						1874 3.41
						1875 3.74
						1876 4.54
						1877 0.43
						1878 4.40
						1879 4.33
						1880 4.11
						1881 4.89
						1882 4.77
						1883 2.74
						1884 5.74
						1885 3.00
						1886 7.04
						1887 3.69
						1888 3.36
						1889 1.54
						1890 2.23
						1891 3.66
						1892 2.15
						1893 6.22
						1894 3.15
						1895 1.11
						1896 3.94
						1897 2.13
TOTALS.....	—	—	—	—	2.12	
MEANS.....	30.07	31	71	N.W.	.076	

Average mean temperature for 27 years, 28.

Average monthly precipitation for 27 years, 3.47.

T indicates trace of precipitation.

HEALTH DEPARTMENT OF THE CITY OF BOSTON.

Statement of Deaths for the month of March, 1897,

With an enumeration of the more prominent causes; accompanied by an abstract of Meteorological Observations.

Published by order of the Board of Health.

SAMUEL H. DURGIN, M.D.,

Chairman.

Rec'd MAY 15 1897

A.M.

Deaths during the month of March, 1897 1,082
Population estimated at 516,305. Rate per 1,000 inhabitants, 25.11

Total number 1,082

SEX.

Males 532

Females 550

CONDITION.

Married 316

Single 584

Widows 130

Widowers 46

Unknown 6

COLOR.

White 1,064

Colored 18

Total deaths of children { Under 1 year 200
Under 2 years 264
Under 5 years 318

Diarrhoeal diseases { Under 1 year 5
Under 2 years 5
Under 5 years 5
All ages 7

NATIVITY.

United States 688

Ireland 225

England 31

Scotland 5

Germany 14

British America 73

Italy 10

Russia 12

Other Countries 18

Unknown 6

PARENTAGE.

United States 242

Irish 371

English 27

Scotch 15

German 21

British American 57

Italian 39

Russian 40

Other Countries 81

Mixed 93

Unknown 96

Still-births during the month 61

Total Deaths with Principal Causes for the month

CAUSES OF DEATH.			AGE.																	SEX.				
	Total Mortality for March, 1897.	Total Mortality for March, 1896.	Under 3 months.	3 months and under 6 months.	6 months and under 1 year.	1 year and under 2 years.	2 years and under 3 years.	3 years and under 4 years.	4 years and under 5 years.	Total under 5 years.	5 years and under 10 years.	10 years and under 15 years.	15 years and under 20 years.	20 years and under 30 years.	30 years and under 40 years.	40 years and under 50 years.	50 years and under 60 years.	60 years and under 70 years.	70 years and under 80 years.	80 years and under 90 years.	90 years and under 100 years.	100 years and over.	Males.	Females.
I. ZYMOTICS.																								
ALCOHOLISM		5																						
CROUP	6	10		1	3			1	5	1													3	2
CARBUNCLE																								
CHOLERA MORBUS																								
CHOLERA INFANTUM	2	1	1	1						2													1	1
CEREBRO-SPINAL MENINGITIS	8	2										1	4	1	1		1						6	2
CONGESTIVE FEVER																								
DIARRHŒA	3		1							1									1	1			2	1
DYSENTERY	2			1	1					2													1	1
DIPHTHERIA	41	38			5	9	10	2	3	29	7	1			3		1					20	21	
ERYSIPELAS	7	3												1		1	1	2	1	1		3	4	
INTERMITTENT FEVER		1																						
INFLUENZA	12	4											1	1	1		2	2	1	3	1		2	10
MEASLES	4	2		1			2			3	1												2	2
PURPURA	3	4			1					1	1						1						1	2
PURPERAL FEVER	1	6												1										1
PYÆMIA	1	1														1							1	
REMITTENT FEVER																								
RHEUMATISM	3	2														1		1	1				1	2
SCARLATINA	16	17			1	1	4	3	2	11	2		2	1								10	6	
SMALL POX																								
STYPHILIS (CONGENITAL)		9																						
STYPHILIS	1													1										1
SEPTICÆMIA	4	7	1							1				2	1								1	3
TONSILLITIS	1		1							1													1	
TYPHOID FEVER	9	2									1			2	1	2	2	1					5	4
TYPHUS FEVER																								
WHOPING COUGH	4	5	1	1	1	1				4													1	3
YELLOW FEVER																								
OTHER ZYMOTIC DISEASES	1															1								1
II. CONSTITUTIONAL.																								
CANCER	36	48												1	3	7	14	5	6				12	24
HYDROCEPHALUS AND TUBERC. MENINGITIS	19	21	1	3	4	7		1		16	2			1									9	10
MARASMUS, SCROFULA & TABES MESENTERICA	29	26	8	3	5	1	1			18	1						1						7	13
PHTHISIS PULMONALIS	142	97	1	1	2	2				6	1	2	12	42	33	28	12	3	2	1			66	76
OTHER CONSTITUTIONAL DISEASES	41	29	2	1	3	3				9	1		4	8	7	9	1	2					22	19

of March, Classified by Cause, Age and Sex.

CAUSES OF DEATH.	Total Mortality for March, 1897.	Total Mortality for March, 1896.	AGE.																			SEX.		
			Under 3 months. 3 months and under 6 months. 6 months and under 1 year. 1 year and under 2 years. 2 years and under 3 years. 3 years and under 4 years. 4 years and under 5 years. Total under 5 years. 5 years and under 10 years. 10 years and under 15 years. 15 years and under 20 years. 20 years and under 30 years. 30 years and under 40 years. 40 years and under 50 years. 50 years and under 60 years. 60 years and under 70 years. 70 years and under 80 years. 80 years and under 90 years. 90 years and under 100 years. 100 years and over.	Males.	Females.																			
III. LOCAL.																								
APPOXY	29	37			1					1				1			5	6	12	3	1		15	1
BRIGHT'S DISEASE	13	11												2	2	2	4		3				9	4
BRONCHITIS	50	50	6	4	6	9	2		1	28	1						2	4	4	5	4	2	21	29
HEART DISEASE	83	80										1	3	4	12	10	20	12	20	1			43	40
MENINGITIS	42	32		3	6	4	3		2	18	6	2	3	7	4	1	1						19	23
NEPHRITIS	34	25	1					1		2	1			1	6	6	7	7	4				19	15
PLEURISY		1																						
PNEUMONIA	190	193	9	15	27	16	8		2	77	5	4	4	9	17	14	18	21	11	8	2		106	84
OTHER LOCAL DISEASES	125	158	13	4	6	5	4		1	33	5		3	11	9	15	17	15	10	6	1		53	72
IV. DEVELOPMENTAL.																								
CYANOSIS		2																						
INANITION	8	12	8							8													4	4
OLD AGE	26	18																2	3	19	2		10	16
PREMATURE BIRTH	8	13	8							8													6	2
PUERP'L DISEASES (not includ'g Puerp'l Fever),	4	2												3		1								4
OTHER DEVELOPMENTAL DISEASES	31	30	21	2	3	1				27								1	2	1			16	15
V. VIOLENT.																								
ACCIDENTAL	35	26	2	1		1				4	3		1	5	4	6	6	4	2				26	9
HOMICIDAL	1												1										1	
SUICIDAL	6	6											1	3	2								4	2
OTHER VIOLENT CAUSES	6	6				1			1	2				2	1		1						1	5
UNKNOWN CAUSES	4	6	1							1	1	1			1								2	2
TOTAL FROM ALL CAUSES	1,082	1,048	86	42	72	64	34	7	13	318	40	12	39	110	108	107	119	88	84	48	9		532	550
TOTAL FROM ZYMOTIC DISEASES	129	119																						
INCLUDING TUBERCULAR DISEASES	358	280	5	5	9	14	16	5	6	60	13	2	7	10	7	6	8	6	4	5	1		61	68
TOTAL FROM CONSTITUTIONAL DISEASES	258	221	12	8	14	13	1	1		49	5	2	16	52	43	44	28	10	8	1			116	142
" " LOCAL "	566	587	29	26	46	34	17	1	6	159	18	7	13	35	50	50	76	65	65	22	6		285	281
" " DEVELOPMENTAL "	77	77	37	2	3	1				43				3		1		3	5	20	2		36	41
" " VIOLENT CAUSES	48	38	2	1		2			1	6	3		3	10	7	6	7	4	2				32	16

Comparative Statement of Cases of Contagious Disease reported to the Board of Health for the month of March, 1897, and for the corresponding month in 1896.

CASES REPORTED DURING MARCH, 1897.			CASES REPORTED DURING MARCH, 1896.		
	City.	Quarantine.		City.	Quarantine.
Diphtheria	338	....	Diphtheria	302	....
Measles	865	....	Measles	200	....
Small Pox . . . . .	....	....	Small Pox . . . . .	....	....
Scarlatina	228	2	Scarlatina	104	....
Typhoid Fever	24	....	Typhoid Fever	27	....
Typhus Fever . . . . .	....	....	Typhus Fever . . . . .	....	....
Yellow Fever . . . . .	....	....	Yellow Fever . . . . .	....	....

METEOROLOGICAL OBSERVATIONS TAKEN AT THE U. S. WEATHER BUREAU OFFICE, BOSTON,

For the month of March, 1897, as reported by J. W. SMITH, L. F. O., Weather Bureau.

DATE.	DAILY MEAN BAROMETER.	DAILY MEAN TEMPERATURE.	DAILY MEAN HUMIDITY.	PREVAILING DIRECTION OF WIND.	DAILY RAIN FALL.	GENERAL ITEMS.
1	30.70	22	82	N.	.02	Mean Barometer, 30.05. Highest Barometer, 30.89, on the 1st.
2	30.24	42	80	W.	.01	Lowest Barometer, 29.16, on the 14th.
3	29.86	44	95	S.W.	.14	Monthly Range of Barometer, 1.73.
4	30.74	34	51	N.W.	.00	Mean Temperature, 37.
5	30.10	38	74	W.	.20	Highest Temperature, 57, on the 30th.
6	30.20	37	58	N.W.	.05	Lowest Temperature, 7, on the 1st.
7	30.73	21	66	N.E.	.00	Monthly Range of Temperature, 50.
8	30.53	28	71	N.	.00	Greatest Daily Range of Temperature, 29, on the 1st.
9	30.20	40	88	S.W.	.01	Least Daily Range of Temperature, 4, on the 20th, 24th.
10	30.72	47	84	S.	.03	Mean Daily Range of Temperature, 15.
11	30.11	45	48	W.	.00	Mean Daily Dew-point, 26.
12	29.76	44	83	S.W.	.08	Mean Daily Relative Humidity, 67.
13	30.06	34	50	N.W.	.00	Prevailing Direction of Wind, N.W.
14	30.07	28	73	S.E.	.36	Total Movement of Wind, 9,530.
15	30.24	32	47	N.W.	.00	Highest Velocity of Wind and Direction, 42 N.W., on the 4th.
16	30.50	20	46	N.W.	.00	Number of Foggy Days, 2.
17	30.41	26	40	N.W.	.00	Number of Fair Days, 1.
18	30.06	34	60	E.	.00	Number of Clear Days, 11.
19	29.80	42	94	S.W.	.00	Total Number of Days on which Rain or Snow fell, 13.
20	29.71	36	97	N.E.	.09	Depth of unmelted Snow on ground at end of month, 0 inches.
21	29.86	43	98	W.	.05	Dates of Auroras, 0.
22	29.06	46	65	W.	.01	Dates of Solar Halos, 0.
23	29.80	42	78	S.E.	.00	Date of Lunar Halos, 0.
24	29.30	37	99	E.	1.14	Thunder Storm, 0.
25	29.25	38	82	W.	.00	Mean Max. Temp., 44.
26	29.57	38	66	N.W.	.00	Dates of Frosts, 0.
27	29.81	39	52	N.W.	.00	Mean Min. Temp., 29.
28	30.04	38	58	N.W.	*T	MEAN TEMPERATURE for this month in
29	30.34	42	43	N.W.	.00	Total Precipitation for this Month in Inches.
30	30.22	46	40	N.W.	.00	1871 42
31	30.28	40	45	S.E.	.00	1872 27
TOTALS.....	—	—	—	—	2.79	1873 35
MEANS.....	30.05	37	67	N.W.	.09	1874 35
						1875 31
						1876 33
						1877 34
						1878 39
						1879 33
						1880 33
						1881 36
						1882 35
						1883 31
						1884 34
						1885 28
						1886 34
						1887 32
						1888 32
						1889 38
						1890 35
						1891 34
						1892 33
						1893 34
						1894 42
						1895 35
						1896 32
						1897 37

Average mean temperature for 27 years, 34.

Average monthly precipitation for 27 years, 4.10.

*T Indicates trace of precipitation.

HEALTH DEPARTMENT OF THE CITY OF BOSTON.

Statement of Deaths for the month of April, 1897,

With an enumeration of the more prominent causes; accompanied by an abstract of Meteorological Observations.

Published by order of the Board of Health.

SAMUEL H. DURGIN, M.D.,

Chairman.

Deaths during the month of April, 1897, 1,073

Population estimated at 516,305. Rate per 1,000 inhabitants, 24.94

Total number 1,073

SEX.

Males 545

Females 528

CONDITION.

Married 312

Single 607

Widows 107

Widowers 38

Unknown 9

COLOR.

White 1,048

Colored 25

Total deaths of children	{	Under 1 year	205
		Under 2 years	268
		Under 5 years	359

Diarrhoeal diseases	{	Under 1 year	3
		Under 2 years	4
		Under 5 years	4
		All ages	4

NATIVITY.

United States 706

Ireland 180

England 23

Scotland 11

Germany 21

British America 73

Italy 13

Russia 11

Other Countries 23

Unknown 12

PARENTAGE.

United States 251

Irish 339

English 23

Scotch 11

German 28

British American 73

Italian 29

Russian 34

Other Countries 95

Mixed 86

Unknown 104

Still-births during the month 55

Total Deaths with Principal Causes for the month

CAUSES OF DEATH.	Total Mortality for April, 1897.	Total Mortality for April, 1896.	AGE.																			SEX.				
			Under 3 months.	3 months and under 6 months.	6 months and under 1 year.	1 year and under 2 years.	2 years and under 3 years.	3 years and under 4 years.	4 years and under 5 years.	Total under 5 years.	5 years and under 10 years.	10 years and under 15 years.	15 years and under 20 years.	20 years and under 30 years.	30 years and under 40 years.	40 years and under 50 years.	50 years and under 60 years.	60 years and under 70 years.	70 years and under 80 years.	80 years and under 90 years.	90 years and under 100 years.	100 years and over.	Males.	Females.		
I. ZYMOTICS.																										
ALCOHOLISM	4	6										1	1	1	1								4			
CROUP	2	5				1	1			2													2			
CARBUNCLE																										
CHOLERA MORBUS		1								1																
CHOLERA INFANTUM	1			1						1													1			
CEREBRO-SPINAL MENINGITIS	47	2		1	4	1	3	3	5	17	9	2	2	3	4	3		1					25	22		
CONGESTIVE FEVER																										
DIARRHOEA	3	1	1		1	1				3													1	2		
DYSENTERY		1																								
DIPHTHERIA	47	42	1	2	2	11	5	11	3	35	8	1		2		1							31	16		
ERYSIPELAS	3	1		1						1							1	1					3			
INTERMITTENT FEVER																										
INFLUENZA	3	3															1			2				3		
MEASLES	3	2				3				3													2	1		
PURPURA	1	3																		1			1			
PUERPERAL FEVER	4	1												3	1									4		
PYÆMIA	1	1												1									1			
REMITTENT FEVER																										
RHEUMATISM	4	3																2	2				1	3		
SCARLATINA	28	11	1			2	3	4	9	19	6	2		1									15	13		
SMALL POX																										
SYPHILIS (CONGENITAL)	2	3	2							2														2		
SYPHILIS	1													1										1		
SEPTICÆMIA	1	3												1										1		
TONSILLITIS	1	1							1	1													1			
TYPHOID FEVER	11	5							1	1	1		1	5	1		1	1					7	4		
TYPHUS FEVER																										
WHOOPING COUGH	2	6				1				1	1													2		
YELLOW FEVER																										
OTHER ZYMOTIC DISEASES	2		1	1						2													4	1		
II. CONSTITUTIONAL.																										
CANCER	55	39												1	2	5	11	11	4	2			9	27		
HYDROCEPHALUS AND TUBERC. MENINGITIS.	16	16	3		2	5	2	1		13		1				1	1						8			
MARASMUS, SCHRÖFULA & TABES MESENTERICA	25	18	12	7	4	1	1			25													10	15		
PHTHISIS PULMONALIS	118	120	1	1	1	1	5	2		9		1	7	35	31	29	7	3	2				62	56		
OTHER CONSTITUTIONAL DISEASES	39	28	1	2	3	2		1		9	3	2	1	8	4	5	2	2	2	1			21	18		

of April, Classified by Cause, Age and Sex.

CAUSES OF DEATH.	Total Mortality for April, 1897.	Total Mortality for April, 1896.	AGE.																	SEX.			
			Under 3 months.	3 months and under 6 months.	6 months and under 1 year.	1 year and under 2 years.	2 years and under 5 years.	5 years and under 10 years.	10 years and under 15 years.	15 years and under 20 years.	20 years and under 30 years.	30 years and under 40 years.	40 years and under 50 years.	50 years and under 60 years.	60 years and under 70 years.	70 years and under 80 years.	80 years and under 90 years.	90 years and under 100 years.	100 years and over.	Males.	Females.		
III. LOCAL.																							
POPLEXY	30	26										2	1	4	10	4	6	3			12	18	
BRIGHT'S DISEASE	15	9									1	1	1	3	1	4	3	1			4	11	
BRONCHITIS	39	41	9	4	9	2	1		25	1			1	1	3	1	3	3	1		15	24	
HEART DISEASE	81	96				1		2	1	4	1	1	5	7	5	10	24	10	9	5	39	42	
ENINGITIS	63	35	3	2	9	12	5	5	2	38	7	4		4	5	2	1	2			38	25	
EPHRIITIS	27	35				2				2	1	1		4	2	2	5	6	3	1	15	12	
LEUCISY		4																					
NEUMONIA	153	214	8	7	16	11	12	1	55	5	1	2	4	19	20	12	14	15	6		81	72	
OTHER LOCAL DISEASES	149	125	26	9	6	5		2	1	49	4	3	4	11	17	9	15	15	16	5	1	75	74
IV. DEVELOPMENTAL.																							
YANOSIS	1	1	1							1												1	
ANITION	12	7	12							12											6	6	
LD AGE	16	22																5	9	2	6	10	
REMATURE BIRTH	8	11	8							8											4	4	
TERP'L DISEASES (not includ'g Puerp'l Fever).	1	2											1									1	
OTHER DEVELOPMENTAL DISEASES	24	26	14	2	1	1				18	1		1		1		1	1	1		9	15	
V. VIOLENT.																							
CCIDENTAL	32	35		1						1	1	1		10	6	6	2	3	2		23	9	
OMICIDAL		1																					
ICIDAL	8	9											1	2	2		2	1			7	1	
OTHER VIOLENT CAUSES	3	2											1	1		1					1	2	
KNOWN CAUSES	6	5		1	1					2						1	2		1		3	3	
TOTAL FROM ALL CAUSES	1,073	1,019	104	41	60	63	25	27	23	380	48	21	26	116	169	135	104	84	70	37	545	528	
TOTAL FROM ZYMOTIC DISEASES INCLUDING TUBERCULAR DISEASES	171	101		6	5	8	20	11	19	19	88	25	5	4	23	7	3	4	6	3	96	76	
TOTAL FROM CONSTITUTIONAL DISEASES	234	212	17	10	10	9	6	4		56	3	3	9	44	40	31	21	16	8	3	111	123	
" " LOCAL "	557	585	46	22	40	33	18	10	4	173	10	11	12	34	53	51	72	57	63	21	1	279	278
" " DEVELOPMENTAL "	62	69	35	2	1	1				39		1		2		1		1	6	10	2	25	37
" " VIOLENT CAUSES	43	47		1						1	1	1	1	13	9	6	5	4	2		31	12	

Comparative Statement of Cases of Contagious Disease reported to the Board of Health for the month of April, 1897, and for the corresponding month in 1896.

CASES REPORTED DURING APRIL, 1897.			CASES REPORTED DURING APRIL, 1896.		
	City.	Quarantine.		City.	Quarantine.
Diphtheria	306	....	Diphtheria	304	....
Measles	804	....	Measles	344	....
Small Pox . . . . .	....	....	Small Pox . . . . .	....	....
Scarlatina	281	1	Scarlatina	108	....
Typhoid Fever	34	....	Typhoid Fever	30	....
Typhus Fever . . . . .	....	....	Typhus Fever . . . . .	....	....
Yellow Fever . . . . .	....	....	Yellow Fever . . . . .	....	....

METEOROLOGICAL OBSERVATIONS TAKEN AT THE WEATHER BUREAU OFFICE, BOSTON,

For the month of April, 1897, as reported by J. W. SMITH, L. F. O., Weather Bureau.

DATE.	DAILY MEAN BAROMETER.	DAILY MEAN TEMPERATURE.	DAILY MEAN HUMIDITY.	PREVAILING DIRECTION OF WIND.	DAILY RAIN FALL.	GENERAL ITEMS.
1	30.36	40	37	N.E.	.00	Mean Barometer, 30.06. Highest Barometer, 30.63, on the 3d.
2	30.09	50	34	N.W.	.00	Lowest Barometer, 29.96, on the 26th.
3	30.44	36	54	N.E.	.00	Monthly Range of Barometer, 0.67.
4	30.31	44	59	S.W.	.00	Mean Temperature, 39.
5	29.78	49	94	S.W.	.21	Highest Temperature, 81, on the 25th.
6	29.72	58	87	W.	.02	Lowest Temperature, 21, on the 20th.
7	30.00	48	85	E.	.22	Monthly Range of Temperature, 60.
8	30.12	41	81	S.E.	.42	Greatest Daily Range of Temperature, 32, on the 19th.
9	29.76	39	100	N.E.	1.61	Least Daily Range of Temperature, 6, on the 9th.
10	29.87	42	90	N.W.	.14	Mean Daily Range of Temperature, 19.
11	30.06	39	84	N.W.	.05	Mean Daily Dew-point, 36.
12	30.48	46	57	N.W.	.00	Mean Daily Relative Humidity, 67.
13	30.50	48	56	S.	.00	Prevailing Direction of Wind, S.W.
14	30.02	58	64	S.W.	*T	Total Movement of Wind, 8,486.
15	29.82	52	97	N.E.	.30	Highest Velocity of Wind and Direction, 36 S.W., on the 19th.
16	29.88	54	59	W.	.00	Number of Foggy Days, 0. Number of Fair Days, 9.
17	29.80	50	68	W.	.12	Number of Clear Days, 11.
18	30.06	51	50	W.	.00	Total Number of Days on which Rain or Snow fell, 12.
19	30.06	50	54	S.W.	.00	Depth of unmelted Snow on ground at end of month, 0 inches.
20	30.45	30	47	N.W.	.00	Dates of Auroras, 0.
21	30.55	43	56	W.	.00	Dates of Solar Halos, 3d, 13th, 23d.
22	30.48	54	55	S.W.	.00	Date of Lunar Halos, 13th.
23	30.25	63	48	S.W.	.00	Thunder Storm, 0.
24	30.11	66	59	S.W.	.00	Mean Max. Temp., 58.
25	29.86	68	62	S.W.	.00	MEAN TEMPERATURE for this month in
26	29.66	57	64	N.W.	.02	1871 47
27	29.61	44	77	N.W.	.02	1872 45
28	29.62	42	70	N.E.	.04	1873 47
29	29.88	50	70	N.W.	*T	1874 37
30	30.02	60	71	E.	.00	1875 42
31						1876 43
TOTALS.....	—	—	—	—	3.17	1877 44
MEANS.....	30.06	49	67	S.W.	.105	1878 47
						1879 42
						1880 46
						1881 43
						1882 42
						1883 44
						1884 43
						1885 46
						1886 48
						1887 44
						1888 42
						1889 48
						1890 46
						1891 48
						1892 48
						1893 44
						1894 47
						1895 46
						1896 47
						1897 49

*T indicates trace of precipitation.

Average mean temperature for 27 years, 45.

Average monthly precipitation for 27 years, 3.33.

HEALTH DEPARTMENT OF THE CITY OF BOSTON.

Statement of Deaths for the month of May, 1897,

With an enumeration of the more prominent causes; accompanied by an abstract of Meteorological Observations.

Published by order of the Board of Health.

SAMUEL H. DURGIN, M.D.,

Chairman.

Deaths during the month of May, 1897, 964
Population estimated at 516,305. Rec'd JUL 3 1897 Rate per 1,000 inhabitants, 22.40

Total number	964	A.M.	NATIVITY.	
SEX.			United States	619
Males	484		Ireland	175
Females	480		England	23
CONDITION.			Scotland	9
Married	298		Germany	18
Single	510		British America	55
Widows	109		Italy	15
Widowers	37		Russia	11
Unknown	10		Other Countries	27
COLOR.			Unknown	12
White	931		PARENTAGE.	
Colored	33		United States	231
Total deaths of children			Irish	305
			English	19
			Scotch	13
Under 1 year		164	German	27
Under 2 years		210	British American	64
Under 5 years		294	Italian	29
Diarrhœal diseases			Russian	23
			Other Countries	69
			Mixed	73
			Unknown	111
Under 1 year		4	Still-births during the month	
Under 2 years		4		
Under 5 years		4		
All ages		5		

Total Deaths with Principal Causes for the month

CAUSES OF DEATH.	Total Mortality for May, 1897.	Total Mortality for May, 1898.	AGE.																			SEX.			
			Under 3 months.	3 months and under 6 months.	6 months and under 1 year.	1 year and under 2 years.	2 years and under 3 years.	3 years and under 4 years.	4 years and under 5 years.	Total under 5 years.	5 years and under 10 years.	10 years and under 15 years.	15 years and under 20 years.	20 years and under 30 years.	30 years and under 40 years.	40 years and under 50 years.	50 years and under 60 years.	60 years and under 70 years.	70 years and under 80 years.	80 years and under 90 years.	90 years and under 100 years.	100 years and over.	Males.	Females.	
I. ZYMOTICS.																									
ALCOHOLISM	5	6												2	1		1		1					3	2
CROUP	3	2		1			2			3														1	
CARBUNCLE																									
CHOLERA MORBUS		1																							
CHOLERA INFANTUM	1	3		1						1															1
CEREBRO-SPINAL MENINGITIS	50	1	1	3	4	8	5	1	1	23	6	3	3	8	3	1	3							32	18
CONGESTIVE FEVER																									
DIARRHŒA	2	1	2							2															2
DYSENTERY	2	1			1					1								1						1	1
DIPHTHERIA	49	46		1	3	5	13	10	3	35	5	3	3		2		1							28	21
ERYSIPELAS	7	6	2							2				1	1		3							2	5
INTERMITTENT FEVER																									
INFLUENZA	4	1															2			2				2	2
MEASLES	3	3				1	1			2							1							1	2
PURPURA	3	1	1							1							2							2	1
PUERPERAL FEVER	1															1									1
PYÆMIA																									
REMITTENT FEVER																									
RHEUMATISM		3																							
SCARLATINA	23	10				1	9	2	2	14	5	3	1											9	14
SMALL POX																									
SYPHILIS (CONGENITAL)	3	2	2	1						3															3
SYPHILIS	1														1										1
SEPTICÆMIA	9	7										1	1	3		1	1	1		1				2	7
TONSILLITIS																									
TYPHOID FEVER	8	6												4	1			3						4	4
TYPHUS FEVER																									
WHOOPING COUGH	5	3	2	1		1		1		5															5
YELLOW FEVER																									
OTHER ZYMOTIC DISEASES	1																1								1
II. CONSTITUTIONAL.																									
CANCER	25	36													3	3	8	9	1	1				10	15
HYDROCEPHALUS AND TUBERO. MENINGITIS.	16	23		2	5	4	3	1		15			1											10	6
MARASMUS, SCROFULA & TABES MESENTERICA	15	12	2	7	2		2			13							1	1						5	10
PHTHISIS PULMONALIS	102	119			1	1				2		1	10	30	26	17	12	4						47	56
OTHER CONSTITUTIONAL DISEASES	34	21	2		2			5	1	10		2	2	6	4	3	4	2	1					17	17

of May, Classified by Cause, Age and Sex.

CAUSES OF DEATH.	Total Mortality for May, 1897.	Total Mortality for May, 1896.	AGE.																			SEX.			
			Under 3 months.	3 months and under 6 months.	6 months and under 1 year.	1 year and under 2 years.	2 years and under 3 years.	3 years and under 4 years.	4 years and under 5 years.	Total under 5 years.	5 years and under 10 years.	10 years and under 15 years.	15 years and under 20 years.	20 years and under 30 years.	30 years and under 40 years.	40 years and under 50 years.	50 years and under 60 years.	60 years and under 70 years.	70 years and under 80 years.	80 years and under 90 years.	90 years and under 100 years.	100 years and over.	Males.	Females.	
III. LOCAL.																									
APoplexy	38	37												1	2	5	8	9	8	4	1			14	24
BRIGHT'S DISEASE	18	9									1			1	1	4	4	2	5					9	9
BRONCHITIS	27	35	3	2	6	1	1			13				1	1	3	2	6		1				15	12
HEART DISEASE	85	80	1					1		2	1	3	3	5	8	11	17	19	11	5				39	46
MENINGITIS	35	34	2	2	6	4	1	2		17	3	3	1	4	1	2	3	1						18	17
NEPHRITIS	18	20				1				1	1	1		1	1	4	5	2	2					8	10
PLEURISY	3	1												1			1	1						1	2
PNEUMONIA	109	162	4	7	10	13	5	2	3	44	3			12	11	9	10	10	4	5	1			52	67
OTHER LOCAL DISEASES	142	152	18	7	7	5	1	1	2	41	3	3	1	10	16	20	15	13	16	4				86	66
IV. DEVELOPMENTAL.																									
CYANOSIS	2	2	1		1					2														2	
INANITION	7	5	5	1	1					7														4	3
OLD AGE	28	18																2	7	16	3			8	20
PREMATURE BIRTH	16	21	16							16														11	5
PUERP'L DISEASES (not Includ'g Puerp'l Fever),		5																							
OTHER DEVELOPMENTAL DISEASES	19	28	9		1	1				11				1			2	2	2	1				8	11
V. VIOLENT.																									
ACCIDENTAL	27	30	1				1	2		4	1	1	1	5	3	5	4	2	1					22	5
HOMICIDAL	1													1										1	
SUICIDAL	8	8												1	2	3		2						5	3
OTHER VIOLENT CAUSES	2	3													1	1									2
UNKNOWN CAUSES	7	3	2		2					4						1	1	1						5	2
TOTAL FROM ALL CAUSES	964	967	76	36	52	46	44	28	12	294	29	24	27	98	89	95	111	93	59	40	5			484	480
TOTAL FROM ZYMOTIC DISEASES	180	163																							
INCLUDING TUBERCULAR DISEASES	276	300	10	8	8	16	30	14	6	92	16	10	8	18	9	4	14	5	1	3				87	86
TOTAL FROM CONSTITUTIONAL DISEASES	192	211	4	9	10	5	5	6	1	40		3	13	36	33	23	25	16	2	1				89	103
“ “ LOCAL “	475	530	28	18	29	24	8	6	5	118	12	10	5	36	41	38	65	63	46	19	2			212	233
“ “ DEVELOPMENTAL “	72	79	31	1	3	1				36				1			2	4	9	17	3			33	39
“ “ VIOLENT CAUSES	38	41	1				1	2		4	1	1	1	7	6	9	4	4	1					28	10

Comparative Statement of Cases of Contagious Disease reported to the Board of Health for the month of May, 1897, and for the corresponding month in 1896.

CASES REPORTED DURING MAY, 1897.			CASES REPORTED DURING MAY, 1896.		
	City.	Quarantine.		City.	Quarantine.
Diphtheria	340	....	Diphtheria	346	....
Measles	781	....	Measles	419	....
Small Pox	10	....	Small Pox . . . . .	....	....
Scarlatina	332	....	Scarlatina	77	....
Typhoid Fever	21	....	Typhoid Fever	35	....
Typhus Fever . . . . .	....	....	Typhus Fever . . . . .	....	....
Yellow Fever . . . . .	....	....	Yellow Fever . . . . .	....	....

METEOROLOGICAL OBSERVATIONS TAKEN AT THE SIGNAL OFFICE, BOSTON.

For the month of May, 1897, as reported by J. W. SMITH, L. F. O.

DATE.	DAILY MEAN BAROMETER.	DAILY MEAN TEMPERATURE.	DAILY MEAN HUMIDITY.	PREVAILING DIRECTION OF WIND.	DAILY RAIN FALL.	GENERAL ITEMS.
1	20.21	47	97	E.	*T	Mean Barometer, 29.96.
2	20.94	44	97	N.E.	1.14	Highest Barometer, 30.33, on the 8th.
3	29.86	50	99	N.E.	.05	Lowest Barometer, 29.64, on the 21st.
4	29.91	55	74	S.	.30	Monthly Range of Barometer, 0.72.
5	29.94	52	68	E.	.00	Mean Temperature, 53.
6	30.06	54	68	N.E.	.00	Highest Temperature, 76, on the 18th.
7	30.12	47	79	E.	.00	Lowest Temperature, 39, on the 8th.
8	30.30	50	60	N.W.	.00	Monthly Range of Temperature, 37.
9	29.96	61	55	W.	*T	Greatest Daily Range of Temperature, 30, on the 9th.
10	29.78	55	88	E.	.53	Least Daily Range of Temperature, 5, on the 27th.
11	29.08	61	90	E.	.15	Mean Daily Range of Temperature, 15.9
12	29.92	60	94	S.W.	.19	Mean Daily Dew-point, 49.
13	29.83	64	91	S.W.	.12	Mean Daily Relative Humidity, 72.
14	29.89	64	92	S.E.	.05	Prevailing Direction of Wind, S.W.
15	30.00	66	84	W.	*T	Total Movement of Wind, 8,003.
16	30.20	56	80	N.E.	.04	Highest Velocity of Wind and Direction, 36 S.W., on the 13th.
17	30.18	58	79	N.	.00	Number of Foggy Days, 1.
18	30.08	66	50	W.	.00	Number of Fair Days, .
19	30.25	60	51	N.W.	.00	Number of Clear Days, 9.
20	30.02	60	65	S.W.	.00	Total Number of Days on which Rain or Snow fell, 15.
21	29.69	64	79	S.W.	.14	Depth of unmelted Snow on ground at end of month, —
22	29.88	58	65	N.W.	.04	Dates of Auroras, —
23	30.02	60	66	S.W.	.00	Dates of Solar Halos, —
24	29.96	64	80	S.	*T	Date of Lunar Halos, 15th.
25	29.94	62	70	S.	.75	Thunder Storm, 21, 25.
26	30.07	54	85	N.	.00	Mean Max. Temp., 66.
27	29.84	52	79	N.W.	.05	Dates of Frosts, —
28	29.72	58	73	W.	.01	Mean Min. Temp., 50.
29	29.67	62	72	W.	*T	MEAN TEMPERATURE for this month in
30	29.90	64	62	W.	.00	Total Precipitation for this Month in Inches.
31	29.78	61	91	S.W.	.44	1871 58 4.54
						1872 58 3.29
						1873 58 5.16
						1874 57 3.70
						1875 58 3.76
						1876 54 2.70
						1877 55 3.38
						1878 56 1.02
						1879 60 0.97
						1880 63 1.87
						1881 55 4.16
						1882 40 6.05
						1883 56 5.11
						1884 54 3.81
						1885 52 4.26
						1886 56 3.08
						1887 59 1.67
						1888 52 5.20
						1889 60 4.15
						1890 57 4.48
						1891 56 1.56
						1892 56 5.15
						1893 56 5.23
						1894 58 4.19
						1895 60 2.71
						1896 60 1.88
						1897 58 4.00
TOTALS	—	—	—	—	4.00	
MEANS	29.96	58	72	S.W.	.129	

*T Indicates trace of precipitation.

Average mean temperature for 27 years, 57.

Average monthly precipitation for 27 years, 3.56.

HEALTH DEPARTMENT OF THE CITY OF BOSTON.

Statement of Deaths for the month of June, 1897,

With an enumeration of the more prominent causes; accompanied by an abstract of Meteorological Observations.

Published by order of the Board of Health.

SAMUEL H. DURGIN, M.D.,
Chairman.

Deaths during the month of June, 1897, 765
Population estimated at 516,305. Rate per 1,000 inhabitants, 17.78

Total number 765

SEX.

Males 394

Females 371

CONDITION.

Married 230

Single 431

Widows 69

Widowers 25

Unknown 10

COLOR.

White 747

Colored 18

Total deaths of children { Under 1 year 134
Under 2 years 182
Under 5 years 241

Diarrhœal diseases { Under 1 year 18
Under 2 years 18
Under 5 years 18
All ages 18

NATIVITY.

United States 511

Ireland 136

England 12

Scotland 5

Germany 10

British America 44

Italy 11

Russia 5

Other Countries 14

Unknown 17

PARENTAGE.

United States 166

Irish 265

English 13

Scotch 4

German 11

British American 48

Italian 25

Russian 16

Other Countries 62

Mixed 66

Unknown 89

Still-births during the month 43

Total Deaths with Principal Causes for the month

CAUSES OF DEATH.	Total Mortality for June, 1897.	Total Mortality for June, 1896.	AGE.																	SEX.					
			Under 3 months.	3 months and under 6 months.	6 months and under 1 year.	1 year and under 2 years.	2 years and under 3 years.	3 years and under 4 years.	4 years and under 5 years.	Total under 5 years.	5 years and under 10 years.	10 years and under 15 years.	15 years and under 20 years.	20 years and under 30 years.	30 years and under 40 years.	40 years and under 50 years.	50 years and under 60 years.	60 years and under 70 years.	70 years and under 80 years.	80 years and under 90 years.	90 years and under 100 years.	100 years and over.	Males.	Females.	
I. ZYMOTICS.																									
ALCOHOLISM	6	3												4	2								4	2	
CROUP	1	1			1				1																
CARCUNCLE	1														1							1			
CHOLERA MORBUS		1																							
CHOLERA INFANTUM	7	18	2	2	3				7													2	5		
CEREBRO-SPINAL MENINGITIS	24	1	3		3	2		3		11	2	1	3	5	2							12	12		
CONGESTIVE FEVER																									
DIARRHŒA	11	1	10		1					11												6	5		
DYSENTERY																									
DIPHTHERIA	40	39			1	7	12	5	4	29	10	1										18	22		
ERYSIPELAS		3																							
INTERMITTENT FEVER																									
INFLUENZA		1																							
MEASLES	5	4	1		2	1	1			5												2	3		
PURPURA	1					1				1												1			
PUERPERAL FEVER	1	3												1									1		
PYÆMIA																									
REMITTENT FEVER																									
RHEUMATISM		1																							
SCARLATINA	14	18				2	1	2	1	6	4	3		1								5	9		
SMALL POX																									
SYPHILIS (CONGENITAL)	1	2	1							1													1		
SYPHILIS	1	1												1								1			
SEPTICÆMIA	7	5		1						1				2	2		2					6	1		
TONSILLITIS																									
TYPHOID FEVER	9	7				1				1			1	3	2	2						7	2		
TYPHUS FEVER																									
WHOOPING COUGH	3	4	1		1	1				3												2	1		
YELLOW FEVER																									
OTHER ZYMOTIC DISEASES	1														1							1			
II. CONSTITUTIONAL.																									
CANCER	34	33												5	8	8	6	5	2			7	27		
HYDROCEPHALUS AND TUBERO. MENINGITIS.	15	19			4	3	4	1		12	2			1								10	5		
MARASMUS, SCROFULA & TABES MESENTERICA	11	14	4	2	2	2			1	11												5	6		
HTHISIS PULMONALIS	85	111										1	6	35	26	13	11	1		2		53	42		
OTHER CONSTITUTIONAL DISEASES	20	22			1	1	1	1		4			2	5	4	2	2	1				10	10		

of June, Classified by Cause, Age and Sex.

CAUSES OF DEATH.			AGE.																		SEX.														
	Total Mortality for June, 1897.	Total Mortality for June, 1898.																			Males.	Females.													
			Under 3 months.	3 months and under 6 months.	6 months and under 1 year.	1 year and under 2 years.	2 years and under 3 years.	3 years and under 4 years.	4 years and under 5 years.	Total under 5 years.	5 years and under 10 years.	10 years and under 15 years.	15 years and under 20 years.	20 years and under 25 years.	25 years and under 30 years.	30 years and under 35 years.	35 years and under 40 years.	40 years and under 45 years.	45 years and under 50 years.	50 years and under 55 years.			55 years and under 60 years.	60 years and under 65 years.	65 years and under 70 years.	70 years and under 75 years.	75 years and under 80 years.	80 years and under 85 years.	85 years and under 90 years.	90 years and under 95 years.	95 years and under 100 years.	100 years and over.			
III. LOCAL.																																			
Apoplexy	33	27														1	6	6	7	4	5	4											17	13	
Bright's Disease	11	9														3	2	4															7	4	
Bronchitis	15	27	3	2	4	2	1			12	1									1	1												8	7	
Heart Disease	61	68	1			1				2	2	1	2	8	6	7	17	8	8														30	31	
Meningitis	33	39	3		6	5	2	1	2	19	5	2		1	1	2	1	1		1													24	9	
Nephritis	24	18											2	2	1	1	4	12	1	1													12	12	
Pleurisy	1																1																	1	
Pneumonia	86	85	5	4	8	14	6	1	3	41	3		2	4	5	7	11	5	4	4													40	46	
OTHER LOCAL DISEASES	96	128	10	7	3	2		1		23	1	1	3	4	12	13	15	12	7	5													45	51	
IV. DEVELOPMENTAL.																																			
Cyanosis																																			
Inanition	7	6	6							6						1																		3	4
Old Age	13	15																										9	2	1	1			7	6
Premature Birth	12	23	12							12																								9	3
Puerp'l Diseases (not includ'g Puerp'l Fever),	4	1												3	1																			4	
OTHER DEVELOPMENTAL DISEASES	18	23	13			2				15										2	1													8	10
V. VIOLENT.																																			
Accidental	27	32						1	3	4	2	1		6	8	3	1	2																22	5
Homicidal																																			
Suicidal	8	10											1	1	1	1	3	1																5	3
OTHER VIOLENT CAUSES	4	2									1					1		2																2	2
UNKNOWN CAUSES	4	5		1	1			1		3							1																	1	3
TOTAL FROM ALL CAUSES	765	821	75	10	40	48	20	19	11	241	33	11	22	84	93	75	83	58	41	22	1	1											394	371	
TOTAL FROM ZYMOTIC DISEASES	133	113																																	
INCLUDING TUBERCULAR DISEASES	290	284	18	3	11	16	14	10	5	77	16	5	4	11	12	6	2																	68	65
TOTAL FROM CONSTITUTIONAL DISEASES	175	190	4	2	7	6	5	2	1	27	2	1	8	40	36	23	21	8	5	4														85	90
“ “ LOCAL “	360	401	22	13	21	24	9	3	5	97	12	4	9	23	33	41	56	43	26	16														184	176
“ “ DEVELOPMENTAL “	54	68	31			2				33				3	2			2	10	2	1	1												27	27
“ “ VIOLENT CAUSES	39	44					1	3		4	3	1	1	7	10	4	4	5																29	10

Comparative Statement of Cases of Contagious Disease reported to the Board of Health for the month of June, 1897, and for the corresponding month in 1896.

CASES REPORTED DURING JUNE, 1897.			CASES REPORTED DURING JUNE, 1896.		
	City.	Quarantine.		City.	Quarantine.
Diphtheria	366	....	Diphtheria	352	....
Measles	590	....	Measles	394	1
Small Pox . . . . .	....	....	Small Pox . . . . .	....	....
Scarlatina	206	....	Scarlatina	113	....
Typhoid Fever	23	....	Typhoid Fever	40	....
Typhus Fever . . . . .	....	....	Typhus Fever . . . . .	....	....
Yellow Fever . . . . .	....	....	Yellow Fever . . . . .	....	....

METEOROLOGICAL OBSERVATIONS TAKEN AT THE WEATHER BUREAU, BOSTON.

For the month of June, 1897, as reported by J. W. SMITH, L. F. O., Weather Bureau.

DATE.	DAILY MEAN BAROMETER.	DAILY MEAN TEMPERATURE.	DAILY MEAN HUMIDITY.	PREVAILING DIRECTION OF WIND.	DAILY RAIN FALL.	GENERAL ITEMS.
1	29.89	54	56	W.	*T	Mean Barometer, 29.93. Highest Barometer, 30.31, on the 8th. Lowest Barometer, 29.67, on the 25th. Monthly Range of Barometer, 0.64. Mean Temperature, 62. Highest Temperature, 87, on the 25th. Lowest Temperature, 47, on the 2d. Monthly Range of Temperature, 40. Greatest Daily Range of Temperature, 26, on the 11th. Least Daily Range of Temperature, 3, on the 10th. Mean Daily Range of Temperature, 17. Mean Daily Dew-point, 51. Mean Daily Relative Humidity, 71. Prevailing Direction of Wind, West. Total Movement of Wind, 7,990. Highest Velocity of Wind and Direction, 30 S.W., on the 3d. Number of Foggy Days, 0. Number of Fair Days, 7. Number of Clear Days, 10. Number of Cloudy Days, 13. Total Number of Days on which Rain or Snow fell, 11. Depth of unmelted Snow on ground at end of month, — Dates of Auroras, — Dates of Solar Halos, 2, 17. Date of Lunar Halos, — Thunder Storm, 4, 9, 13. Mean Max. Temp., 71.
2	30.12	59	37	W.	.00	
3	29.96	64	74	S.W.	.01	
4	29.86	62	91	S.W.	.58	
5	29.92	54	93	N.E.	.05	
6	30.16	52	88	N.E.	*T	
7	30.30	53	88	E.	.00	
8	30.30	52	84	E.	.00	
9	30.03	53	97	N.E.	1.22	
10	29.86	54	94	N.E.	.97	
11	29.89	65	76	N.W.	*T	
12	29.76	60	84	E.	*T	
13	29.68	54	94	E.	.26	
14	29.79	57	89	E.	.02	
15	29.79	63	76	W.	.01	
16	29.79	68	56	N.W.	.00	
17	29.86	66	57	W.	.00	
18	29.97	68	68	E.	.00	
19	30.00	69	55	S.W.	.00	
20	29.73	64	76	S.W.	.28	
21	29.82	60	50	W.	.00	
22	29.94	64	47	S.W.	.00	
23	29.99	69	68	S.W.	.00	
24	29.94	74	71	S.W.	.00	
25	29.72	78	65	S.W.	.03	
26	29.90	66	59	N.W.	.00	
27	30.10	61	46	N.W.	.00	
28	30.08	68	44	W.	.00	
29	30.07	67	73	E.	.00	
30	29.76	68	90	S.	1.03	
31						
TOTALS.....	—	—	—	—	4.46	
MEANS.....	29.93	62	71	W.	.148	

* T Indicates trace of precipitation.

Average mean temperature for 27 years, 66.

Average monthly precipitation for 27 years, 3.10.

MEAN TEMPERATURE for this month in		Total Precipitation for this Month in inches.	
1871	66	1871	5.55
1872	68	1872	4.84
1873	68	1873	0.54
1874	66	1874	3.94
1875	67	1875	7.25
1876	68	1876	1.72
1877	67	1877	3.21
1878	64	1878	2.28
1879	64	1879	6.24
1880	67	1880	0.75
1881	61	1881	7.79
1882	66	1882	1.03
1883	69	1883	2.07
1884	66	1884	4.01
1885	66	1885	3.70
1886	63	1886	1.34
1887	64	1887	1.98
1888	67	1888	2.69
1889	63	1889	2.77
1890	64	1890	2.21
1891	65	1891	3.06
1892	70	1892	3.05
1893	65	1893	2.20
1894	69	1894	0.80
1895	67	1895	1.73
1896	66	1896	2.71
1897	62	1897	4.46

HEALTH DEPARTMENT OF THE CITY OF BOSTON.

Statement of Deaths for the month of July, 1897,

RECEIVED
SEP 4 1897

With an enumeration of the more prominent causes; accompanied by an abstract of Meteorological Observations.

Published by order of the Board of Health.

SAMUEL H. DURGIN, M.D.,
Chairman.

Deaths during the month of July, 1897, 948
Population estimated at 516,305. Rate per 1,000 inhabitants, 22.03

Total number 948		NATIVITY.	
SEX.		United States	654
Males	489	Ireland	154
Females	459	England	21
CONDITION.		Scotland	9
Married	238	Germany	13
Single	585	British America	51
Widows	82	Italy	9
Widowers	33	Russia	9
Unknown	10	Other Countries	14
COLOR.		Unknown	14
White	916	PARENTAGE.	
Colored	32	United States	195
Total deaths of children {		Irish	312
		English	24
		Scotch	15
Diarrhœal diseases {		German	23
		British American	60
		Italian	25
		Russian	28
Under 1 year 308		Other Countries	76
		Mixed	91
		Unknown	99
		Still-births during the month	42
Under 2 years 363			
Under 5 years 410			
All ages 158			

Total Deaths with Principal Causes for the month

CAUSES OF DEATH.	Total Mortality for		AGE.																	SEX.			
	July, 1897.	Total Mortality for July, 1896.	Under 2 months.	3 months and under 6 months.	6 months and under 1 year.	1 year and under 2 years.	2 years and under 3 years.	3 years and under 4 years.	4 years and under 6 years.	Total under 6 years.	6 years and under 10 years.	10 years and under 15 years.	15 years and under 20 years.	20 years and under 30 years.	30 years and under 40 years.	40 years and under 60 years.	60 years and under 80 years.	80 years and under 90 years.	90 years and under 100 years.	100 years and over.	Males.	Females.	
I. ZYMOTICS.																							
ALCOHOLISM	3	10													1	2						3	
CROUP	1	3						1		1												1	
CARCUNCLE	1															1						1	
CHOLERA MORBUS	10	9		1						1	1			1	1		2	2				5	5
CHOLERA INFANTUM	134	316	15	40	54	22	1			132	2											65	69
CEREBRO-SPINAL MENINGITIS	19	2			2	1	1	2		6	1		2	5	3	1	1					13	6
CONGESTIVE FEVER																							
DIARRHOEA	12	20	3	4	3		1			11							1					5	7
DYSENTERY	2	15														1		1					2
DIPHTHERIA	32	33			2	3	5	9	1	20	9	2						1				22	10
ERYSIPELAS	4	2	1							1					1		1	1				2	2
INTERMITTENT FEVER		1																					
INFLUENZA																							
MEASLES		5																					
PURPURA	1		1							1													1
PUERPERAL FEVER	2	1												1	1								2
PYÆMIA																							
REMITTENT FEVER																							
RHEUMATISM	1	1																	1				1
SCARLATINA	6	8					1	1		2	3	1										5	1
SMALL POX																							
SYPHILIS (CONGENITAL)		3																					
SYPHILIS																							
SEPTICÆMIA	2	6											1	1								1	1
TONSILLITIS																							
TYPHOID FEVER	10	8										1		4	4			1				6	4
TYPHUS FEVER																							
WHOOPING COUGH	5	5	2		1		1	1		5												2	3
YELLOW FEVER																							
OTHER ZYMOTIC DISEASES	1			1						1												1	
II. CONSTITUTIONAL.																							
CANCER	47	30												1	2	8	19	8	6	3		15	32
HYDROCEPHALUS AND TUBERO. MENINGITIS.	21	17	3	1	7	4	3			18	2		1									14	7
MARASMUS, SPROFULA & TABES MESENTERICA	31	41	12	9	9					20							1					18	13
PHthisis PULMONALIS	78	121			1					1		1	6	22	22	14	4	7	1			38	49
OTHER CONSTITUTIONAL DISEASES . .	23	18	1		3	3				7	1		5	5	3	1	1					11	12

of July, Classified by Cause, Age and Sex.

CAUSES OF DEATH.	Total Mortality for July, 1897.	Total Mortality for July, 1896.	AGE.																			SEX.		
			Under 3 months.	3 months and under 6 months.	6 months and under 1 year.	1 year and under 2 years.	2 years and under 3 years.	3 years and under 4 years.	4 years and under 5 years.	Total under 5 years.	5 years and under 10 years.	10 years and under 15 years.	15 years and under 20 years.	20 years and under 30 years.	30 years and under 40 years.	40 years and under 50 years.	50 years and under 60 years.	60 years and under 70 years.	70 years and under 80 years.	80 years and under 90 years.	90 years and under 100 years.	100 years and over.	Males.	Females.
III. LOCAL.																								
APoplexy	42	36									2			2	3	6	8	10	6	5			15	2
BRIGHT'S DISEASE	3	7													1			2					1	2
BRONCHITIS	17	15	1	3	4	2				10				1		1	2	1	2				7	10
HEART DISEASE	69	73		1						1	2	1	5	7	9	9	12	16	4	2	1		31	38
MENINGITIS	28	47	2	3	11	6	2	1		25	1	1			1								15	13
NEPHRITIS	16	19											1			3	4	4	3	1			5	11
PLEURISY																								
PNEUMONIA	47	57	1	3	5	2	6	1		18	2		1	4	8	2	4	5	3				26	21
OTHER LOCAL DISEASES	153	195	22	11	11	9	4	1		58	3	4	3	15	12	15	8	12	17	6			86	67
IV. DEVELOPMENTAL.																								
CYANOSIS	2	1	2							2													1	1
INANITION	14	7	9	4	1					14													8	6
OLD AGE	23	16															1	1	3	12	6		8	15
PREMATURE BIRTH	22	22	22							22													13	9
PUERP'L DISEASES (not includ'g Puerp'l Fever),	1	4												1										1
OTHER DEVELOPMENTAL DISEASES	16	34	11	2		1				14								1	1				10	6
V. VIOLENT.																								
ACCIDENTAL	32	62	1		1	1	1	1	2	7	3			4	4	7	1	6					24	8
HOMICIDAL	1														1								1	
SUICIDAL	11	3												4	2	2	2	1					8	3
OTHER VIOLENT CAUSES	3	2			1	1				2				1									1	2
UNKNOWN CAUSES	2	8														1							1	1
TOTAL FROM ALL CAUSES	948	1282	109	83	116	55	26	18	3	410	32	11	25	80	82	74	73	78	45	31	7		489	459
TOTAL FROM ZYMOTIC DISEASES	246	447																						
INCLUDING TUBERCULAR DISEASES	388	637	22	46	62	26	10	14	1	181	16	4	3	12	11	5	5	5	1	3			132	114
TOTAL FROM CONSTITUTIONAL DISEASES	200	227	16	10	20	7	3			56	3	1	12	28	27	23	25	15	7	3			96	104
" " LOCAL "	375	449	26	21	31	19	12	3		112	10	6	10	29	37	37	38	49	33	13	1		186	189
" " DEVELOPMENTAL "	78	84	44	6	1	1				52				1			1	2	4	12	6		40	38
" " VIOLENT CAUSES	47	67	1		2	2	1	1	2	9	3			9	7	9	3	7					34	13

Comparative Statement of Cases of Contagious Disease reported to the Board of Health for the month of July, 1897, and for the corresponding month in 1896.

CASES REPORTED DURING JULY, 1897.			CASES REPORTED DURING JULY, 1896.		
	City.	Quarantine.		City.	Quarantine.
Diphtheria	183	....	Diphtheria	300	....
Measles	173	....	Measles	230	....
Small Pox . . . . .	....	....	Small Pox . . . . .	....	....
Scarlatina	74	....	Scarlatina	72	....
Typhoid Fever	20	....	Typhoid Fever	56	....
Typhus Fever . . . . .	....	....	Typhus Fever . . . . .	....	....
Yellow Fever . . . . .	....	....	Yellow Fever . . . . .	....	....

METEOROLOGICAL OBSERVATIONS TAKEN AT THE WEATHER BUREAU, BOSTON.

For the month of July, 1897, as reported by J. W. SMITH, L. F. O., Weather Bureau.

DATE.	DAILY MEAN BAROMETER.	DAILY MEAN TEMPERATURE.	DAILY MEAN HUMIDITY.	PREVAILING DIRECTION OF WIND.	DAILY RAIN FALL.	GENERAL ITEMS.
1	29.79	71	76	N.W.	.05	Mean Barometer, 29.98.
2	29.83	71	70	E.	.01	Highest Barometer, 30.37, on the 19th.
3	30.07	66	91	N.E.	.00	Lowest Barometer, 29.62, on the 24th.
4	30.17	68	90	S.W.	.00	Monthly Range of Barometer, .749.
5	30.01	80	78	S.W.	.00	Mean Temperature, 71.6.
6	30.00	80	78	S.W.	.00	Highest Temperature, 94, on the 5th.
7	30.13	78	80	S.W.	.00	Lowest Temperature, 55, on the 27th.
8	30.06	78	75	S.W.	.00	Monthly Range of Temperature, 39.
9	29.89	83	72	S.W.	.00	Greatest Daily Range of Temperature, 23, on the 1st.
10	30.00	68	96	N.E.	.00	Least Daily Range of Temperature, 4, on the 28th.
11	29.84	67	92	N.E.	.07	Mean Daily Range of Temperature, 15 degrees.
12	29.73	79	84	S.W.	.00	Mean Daily Dew-point, 64.
13	29.80	76	89	S.	.29	Mean Daily Relative Humidity, 81.
14	29.81	74	82	S.	.18	Prevailing Direction of Wind, S.W.
15	30.04	76	74	S.W.	.00	Total Movement of Wind, 7.971.
16	30.12	75	63	W.	.00	Highest Velocity of Wind and Direction, 48 S., on the 14th.
17	30.18	78	72	W.	.00	Number of Foggy Days, 2.
18	30.31	72	79	E.	.00	Number of Fair Days, 8.
19	30.33	65	92	E.	.00	Number of Clear Days, 7.
20	30.17	70	86	E.	.28	Total Number of Days on which Rain or Snow fell, 13.
21	30.08	74	80	S.W.	.00	Depth of unmelted Snow on ground at end of month, —
22	29.94	73	92	S.W.	1.20	Dates of Auroras, —
23	29.79	78	72	S.	.00	Dates of Solar Halos, 17, 18.
24	29.63	74	66	S.W.	.65	Dates of Lunar Halos, —
25	29.85	67	86	W.	.01	Thunder Storm, 24, 31.
26	30.08	62	76	N.E.	*T	Mean Max. Temp., 79.2.
27	30.12	59	81	N.E.	.00	Dates of Frosts, —
28	30.02	61	87	E.	*T	Mean Min. Temp., 64.1.
29	29.83	60	96	N.E.	1.48	MEAN TEMPERATURE for this month in
30	29.90	70	72	N.E.	.00	Total Precipitation for this Month in Inches.
31	29.87	76	68	W.	*T	1871 71 1871 3.24
TOTALS	—	—	—	—	4.23	1872 76 1872 4.00
MEANS	29.98	71.6	81	S.W.	.139	1873 73 1873 3.84
						1874 73 1874 3.47
						1875 71 1875 3.03
						1876 74 1876 5.86
						1877 70 1877 2.87
						1878 74 1878 4.58
						1879 70 1879 3.09
						1880 70 1880 6.86
						1881 68 1881 2.86
						1882 72 1882 3.91
						1883 71 1883 2.73
						1884 68 1884 4.25
						1885 71 1885 1.44
						1886 74 1886 1.81
						1887 73 1887 3.59
						1888 68 1888 1.79
						1889 69 1889 5.80
						1890 71 1890 1.93
						1891 69 1891 3.73
						1892 73 1892 2.56
						1893 71 1893 1.72
						1894 74 1894 3.69
						1895 69 1895 2.88
						1896 72 1896 2.80
						1897 72 1897 4.22

*T indicates trace of precipitation.

Average mean temperature for 27 years, 71 degrees.

Average monthly precipitation (July) for 27 years, 3.42.

975

HEALTH DEPARTMENT OF THE CITY OF BOSTON.

Statement of Deaths for the month of August, 1897,

With an enumeration of the more prominent causes; accompanied by an abstract of Meteorological Observations.

Published by order of the Board of Health.

SAMUEL H. DURGIN, M.D.,

Chairman.

Deaths during the month of August, 1897, 1,000

Population estimated at 516,305. Rate per 1,000 inhabitants, 23.24

Total number 1,000

SEX.

Males 530

Females 470

CONDITION.

Married 240

Single 641

Widows 78

Widowers 29

Unknown 12

COLOR.

White 967

Colored 33

Total deaths of children { Under 1 year 354
Under 2 years 408
Under 5 years 440

Diarrhoeal diseases { Under 1 year 160
Under 2 years 183
Under 5 years 183
All ages 192

NATIVITY.

United States 700

Ireland 159

England 25

Scotland 6

Germany 16

British America 49

Italy 12

Russia 3

Other Countries 13

Unknown 17

PARENTAGE.

United States 210

Irish 317

English 25

Scotch 9

German 34

British American 76

Italian 31

Russian 28

Other Countries 79

Mixed 97

Unknown 94

Still-births during the month 46

Total Deaths with Principal Causes for the month

CAUSES OF DEATH.	Total Mortality for		AGE.																SEX.						
	August, 1897.	August, 1896.	Under 3 months.	3 months and under 6 months.	6 months and under 1 year.	1 year and under 2 years.	2 years and under 3 years.	3 years and under 4 years.	4 years and under 5 years.	Total under 5 years.	5 years and under 10 years.	10 years and under 15 years.	15 years and under 20 years.	20 years and under 30 years.	30 years and under 40 years.	40 years and under 50 years.	50 years and under 60 years.	60 years and under 70 years.	70 years and under 80 years.	80 years and under 90 years.	90 years and under 100 years.	100 years and over.	Males.	Females.	
I. ZYMOTICS.																									
ALCOHOLISM	4	15													2	1		1						4	
CROUP	5	1			1	2			2	5														3	2
CARBUNCLE		1																							
CHOLERA MORBUS	2	15	1							1						1								1	1
CHOLERA INFANTUM	162	177	36	41	65	20				162														73	89
CEREBRO-SPINAL MENINGITIS	5	2			2	1				3	1				1									2	3
CONGESTIVE FEVER																									
DIARRHŒA	22	12	6	3	7	2				18							1		2	1				13	9
DYSENTERY	6	13		1		1				2							1		1	2				3	3
DIPHTHERIA	15	27			1		3	2	2	8	6	1												7	8
ERYSIPELAS	1	1			1					1															1
INTERMITTENT FEVER	1																		1						1
INFLUENZA																									
MEASLES		4																							
PURPURA		1																							
PUERPERAL FEVER		2																							
PYŒMIA		2																							
REMITTENT FEVER																									
RHEUMATISM	2	3																1	1					1	1
SCARLATINA	6	1				1	1		1	3	2		1											1	5
SMALL POX																									
SYPHILIS (CONGENITAL)	5	2	3	2						5														1	4
SYPHILIS	1	2																1						1	
SEPTICŒMIA	2	3											1			1								1	1
TONSILLITIS																									
TYPHOID FEVER	25	13				1				1		2	2	11	2	5	1	1						16	9
TYPHUS FEVER																									
WHOOPING COUGH	6	11			1	1	3	1		6														3	3
YELLOW FEVER																									
OTHER ZYMOTIC DISEASES	1													1										1	
II. CONSTITUTIONAL.																									
CANCER	32	35													3	5	10	10	4					11	21
HYDROCEPHALUS AND TUBERC. MENINGITIS.	13	29	3	2		2	2		1	10	3													9	4
MARASMUS, SCROFULA & TABES MESENTERICA	58	42	19	17	11	3	3			53							1	2	1	1				27	31
PHthisis PULMONALIS	84	122		1						1			3	31	27	11	10	1						42	42
OTHER CONSTITUTIONAL DISEASES	19	22	1		1	1	1			4			1	3	3	2	2	4						15	4

of August, Classified by Cause, Age and Sex.

CAUSES OF DEATH.	Total Mortality for August, 1897.	Total Mortality for August, 1896.	AGE.																			SEX.			
			Under 3 months.	3 months and under 6 months.	6 months and under 1 year.	1 year and under 2 years.	2 years and under 3 years.	3 years and under 4 years.	4 years and under 5 years.	Total under 5 years.	5 years and under 10 years.	10 years and under 15 years.	15 years and under 20 years.	20 years and under 30 years.	30 years and under 40 years.	40 years and under 50 years.	50 years and under 60 years.	60 years and under 70 years.	70 years and under 80 years.	80 years and under 90 years.	90 years and under 100 years.	100 years and over.	Males.	Females.	
III. LOCAL.																									
APOPLEXY	35	23		1	1				2		1			7	3	5	9	6	1	1			14	2	
BRIGHT'S DISEASE	13	8											2		4	4	1	1	1				8	5	
BRONCHITIS	11	16	1		2				3		1			1		2	2	1			1		7	4	
HEART DISEASE	59	60	1			1			2	2	2	3	8	7	5	14	10	4	2				28	31	
MENINGITIS	32	29	6	4	6	7	1		24	2		2	1	2		1							19	13	
NEPHRITIS	20	35										2	2	2	2	4	2	4	1	1			11	9	
PLEURISY	1																			1			1		
PNEUMONIA	39	32	5	2	6	2	2		17	2		1	4	4	3	2	4	1	1				26	13	
OTHER LOCAL DISEASES	181	234	19	20	14	7	1	3	1	65	3	4	7	17	17	21	11	16	14	5	1		90	91	
IV. DEVELOPMENTAL.																									
CYANOSIS		1																							
INANITION	8	12	7			1			8														4	4	
OLD AGE	18	27															3	6	6	3			6	12	
PREMATURE BIRTH	10	18	10						10														6	4	
PUERP'L DISEASES (not Includ'g Puerp'l Fever),	5	1												5										5	
OTHER DEVELOPMENTAL DISEASES	22	37	12	3	1				16							1	3	2					15	7	
V. VIOLENT.																									
ACCIDENTAL	52	40		1	1	1		2	5	3	5	3	9	13	5	4	5						46	6	
HOMICIDAL	1												1										1		
SUICIDAL	7	3											2	4	1								6	1	
OTHER VIOLENT CAUSES	3	2											1		1		1						1	2	
UNKNOWN CAUSES	6	9	2	2	1				5					1									6		
TOTAL FROM ALL CAUSES	1000	1134	132	100	122	54	17	8	7	440	26	16	25	94	101	73	72	79	46	22	5	1	530	470	
TOTAL FROM ZYMOTIC DISEASES	271	308																							
INCLUDING TUBERCULAR DISEASES	417	462	46	47	78	29	7	3	5	215	9	3	3	13	5	8	3	4	5	3			131	140	
TOTAL FROM CONSTITUTIONAL DISEASES	206	239	23	20	12	6	6		1	68	3		4	34	33	18	23	17	5	1			104	102	
" " LOCAL " " "	391	437	32	27	29	17	4	3	1	113	11	8	15	34	40	40	41	46	28	12	2	1	204	187	
" " DEVELOPMENTAL " " "	63	96	29	3	1	1			34					5		1	6	8	6	3			31	22	
" " VIOLENT CAUSES " " "	63	45		1	1	1		2	5	3	5	8	13	17	7	4	6						54	9	

Comparative Statement of Cases of Contagious Disease reported to the Board of Health for the month of August, 1897, and for the corresponding month in 1896.

CASES REPORTED DURING AUGUST, 1897.			CASES REPORTED DURING AUGUST, 1896.		
	City.	Quarantine.		City.	Quarantine.
Diphtheria	140	....	Diphtheria	236	....
Measles	48	....	Measles	190	....
Small Pox . . . . .	....	....	Small Pox . . . . .	....	....
Scarlatina	81	....	Scarlatina	42	....
Typhoid Fever	101	....	Typhoid Fever	119	....
Typhus Fever . . . . .	....	....	Typhus Fever . . . . .	....	....
Yellow Fever . . . . .	....	....	Yellow Fever . . . . .	....	....

METEOROLOGICAL OBSERVATIONS TAKEN AT THE WEATHER BUREAU, BOSTON.

For the month of August, 1897, as reported by J. W. SMITH, L. F. O., Weather Bureau.

DATE.	DAILY MEAN BAROMETER.	DAILY MEAN TEMPERATURE.	DAILY MEAN HUMIDITY.	PREVAILING DIRECTION OF WIND.	DAILY RAIN FALL.	GENERAL ITEMS.	
1	29.89	68	78	E.	.00	Mean Barometer, 29.97.	
2	30.01	68	86	E.	.00	Highest Barometer, 30.20, on the 21st.	
3	30.10	73	87	S.W.	.00	Lowest Barometer, 29.64, on the 11th.	
4	30.08	76	84	S.W.	.58	Monthly Range of Barometer, .56.	
5	30.11	65	74	N.E.	.56	Mean Temperature, 70.	
6	30.10	70	55	N.W.	.00	Highest Temperature, 86, on the 14th.	
7	30.15	73	60	N.W.	.00	Lowest Temperature, 53, on the 21st.	
8	30.08	74	68	S.W.	.00	Monthly Range of Temperature, 33.	
9	29.94	72	66	W.	*T	Greatest Daily Range of Temperature, 24, on the 3d.	
10	29.89	68	70	E.	.01	Least Daily Range of Temperature, 3, on the 6th.	
11	29.68	67	95	E.	.04	Mean Daily Range of Temperature, 14 degrees.	
12	29.69	72	65	W.	.00	Mean Daily Dew-point, 60.	
13	30.00	68	60	W.	.00	Mean Daily Relative Humidity, 77.	
14	30.02	74	64	S.W.	.00	Prevailing Direction of Wind, W., 26 per cent.	
15	29.92	78	85	S.W.	*T	Total Movement of Wind, 7,003.	
16	29.76	73	91	S.	.42	Highest Velocity of Wind and Direction, 35 S.W., on the 15th.	
17	29.80	69	82	W.	.00	Number of Foggy Days, 0.	Number of Fair Days, 8.
18	30.05	68	74	W.	.02	Number of Clear Days, 14.	Number of Cloudy Days, 9.
19	29.97	67	92	W.	.43	Total Number of Days on which Rain or Snow fell, 9.	
20	30.00	68	70	W.	.00	Depth of unmelted Snow on ground at end of month, —	
21	30.14	65	70	W.	.00	Dates of Auroras, —	
22	29.94	72	88	S.W.	.44	Dates of Solar Halos, —	
23	30.06	62	90	N.E.	.00	Dates of Lunar Halos, —	
24	29.88	60	92	N.E.	1.45	Thunder Storm, 4, 15, 16, 18, 22.	Dates of Frosts, —
25	29.88	66	90	S.W.	.00	Mean Max. Temp., 77.0.	Mean Min. Temp., .02.
26	29.99	71	72	N.W.	.00	MEAN TEMPERATURE for this month in	Total Precipitation for this Month in Inches.
27	29.96	68	75	N.W.	.00	1871 72	1871 3.08
28	29.91	74	81	W.	.00	1872 72	1872 10.68
29	30.02	68	70	E.	.00	1873 69	1873 6.21
30	29.92	72	70	S.W.	*T	1874 68	1874 6.67
31	30.04	68	63	W.	.00	1875 71	1875 3.50
						1876 70	1876 1.23
						1877 71	1877 4.49
						1878 68	1878 7.66
						1879 68	1879 6.71
						1880 69	1880 2.90
						1881 70	1881 1.23
						1882 70	1882 1.46
						1883 68	1883 6.39
						1884 68	1884 5.01
						1885 67	1885 7.64
						1886 68	1886 3.64
						1887 67	1887 3.05
						1888 71	1888 6.53
						1889 67	1889 3.95
						1890 69	1890 2.70
						1891 70	1891 3.87
						1892 70	1892 4.87
						1893 70	1893 6.46
						1894 68	1894 3.03
						1895 71	1895 3.24
						1896 71	1896 2.15
						1897 70	1897 3.95
TOTALS.....	—	—	—	—	3.95		
MEANS.....	29.97	70	77	W.	.127		

* T indicates trace of precipitation. Average mean temperature for 27 years, 69 degrees. Average monthly precipitation (August) for 27 years, 4.31.

HEALTH DEPARTMENT OF THE CITY OF BOSTON.

Statement of Deaths for the month of September, 1897,

With an enumeration of the more prominent causes; accompanied by an abstract of Meteorological Observations.

Published by order of the Board of Health.

SAMUEL H. DURGIN, M.D.,

Chairman.

Deaths during the month of September, 1897, 885

Population estimated at 516,305.

Rate per 1,000 inhabitants, 20.57

Total number 885

SEX.

Males 486

Females 449

CONDITION.

Married 249

Single 510

Widows 75

Widowers 38

Unknown 13

COLOR.

White 860

Colored 25

Total deaths of children { Under 1 year 262
Under 2 years 321
Under 5 years 357

Diarrhœal diseases { Under 1 year 71
Under 2 years 84
Under 5 years 84
All ages 92

NATIVITY.

United States 586

Ireland 167

England 6

Scotland 3

Germany 15

British America 49

Italy 10

Russia 11

Other Countries 21

Unknown 17

PARENTAGE.

United States 184

Irish 295

English 15

Scotch 10

German 23

British American 59

Italian 19

Russian 25

Other Countries 79

Mixed 80

Unknown 96

Still-births during the month 58

Total Deaths with Principal Causes for the month

CAUSES OF DEATH.	Total Mortality for September, 1897.	Total Mortality for September, 1896.	AGE.																			SEX.			
			Under 3 months. 3 months and under 6 months. 6 months and under 1 year. 1 year and under 2 years. 2 years and under 3 years. 3 years and under 4 years. 4 years and under 5 years. Total under 5 years. 5 years and under 10 years. 10 years and under 15 years. 15 years and under 20 years. 20 years and under 30 years. 30 years and under 40 years. 40 years and under 50 years. 50 years and under 60 years. 60 years and under 70 years. 70 years and under 80 years. 80 years and under 90 years. 90 years and under 100 years. 100 years and over.	Males.	Females.																				
I. ZYMOTICS.																									
ALCOHOLISM	4	4														1	2	1						3	1
CROUP	2	3					2			2														2	
CARBUNCLE																									
CHOLERA MORBUS	2	2			1					1						1									2
CHOLERA INFANTUM	72	48	21	9	30	12				72													35	37	
CEREBRO-SPINAL MENINGITIS	12			3	4	2		1	1	11				1									4	8	
CONGESTIVE FEVER																									
DIARRHOEA	15	16	2	2	4	1				9							1		1	4			11	4	
DYSENTERY	3	9			2					2										1			1	2	
DIPHTHERIA	18	38		3	3	5	4	2	17		1												10	8	
ERYSIPELAS		1																							
INTERMITTENT FEVER		2																							
INFLUENZA																									
MEASLES																									
PURPURA																									
PUERPERAL FEVER		1																							
PTÆMIA																									
REMITTENT FEVER																									
RHEUMATISM		1																							
SCARLATINA	2	2					2			2														2	
SMALL POX																									
SYPHILIS (CONGENITAL)		3																							
SYPHILIS																									
SEPTICÆMIA	1	2														1								1	
TONSILLITIS																									
TYPHOID FEVER	27	30							1	1		4	3	6	9	2	2						14	13	
TYPHUS FEVER																									
WHOOPING COUGH	4	16	1	1		1	1			4														4	
YELLOW FEVER																									
OTHER ZYMOTIC DISEASES	1	2												1									1		
II. CONSTITUTIONAL.																									
CANCER	31	25				1				1						2	3	11	10	3	1			14	17
HYDROCEPHALUS AND TUBERO. MENINGITIS.	11	10	1		2	2	1	1		7	1		1	2									7	4	
MARASMUS, SROFULA & TABES MESENTERICA	56	54	27	15	5	1				31							2	2			1			20	36
PHTHISIS PULMONALIS	88	94				1		1		2		2	5	28	22	16	5	5	2	1			14	44	
OTHER CONSTITUTIONAL DISEASES	19	26			1	2				3			2	3	4	3	4						12	7	

of September, Classified by Cause, Age and Sex.

CAUSES OF DEATH.	Total Mortality for September, 1897.	Total Mortality for September, 1896.	AGE.																			SEX.		
			Under 3 months. 3 months and under 6 months. 6 months and under 1 year. 1 year and under 2 years. 2 years and under 3 years. 3 years and under 4 years. 4 years and under 5 years. Total under 5 years. 5 years and under 10 years. 10 years and under 15 years. 15 years and under 20 years. 20 years and under 30 years. 30 years and under 40 years. 40 years and under 50 years. 50 years and under 60 years. 60 years and under 70 years. 70 years and under 80 years. 80 years and under 90 years. 90 years and under 100 years. 100 years and over.																Males.	Females.				
III. LOCAL.																								
APOPLEXY	26	30												1	3	6	8	8					13	11
BRIGHT'S DISEASE	10	9						1	1	1				1	3	1	3						4	6
BRONCHITIS	20	20	5	3	4	2	1			15				1	2	1	1	5	2	1	1		13	16
HEART DISEASE	74	65	2						1	3		1	3	5	8	11	13	18	8	3	1		31	43
MENINGITIS	28	33		6	9	5	1	3		24		1	1			1			1				16	12
NEPHRITIS	26	22	1							1				1	4	5	3	5	6	1			8	18
PLEURISY	1														1									1
PNEUMONIA	40	58		2	6	5	2	1		16					2	5	3	2	6	3	3		19	21
OTHER LOCAL DISEASES	154	136	13	12	13	15	1	1		55	3	2	3	6	18	13	18	16	14	5	1		82	72
IV. DEVELOPMENTAL.																								
CYANOSIS	1		1							1														1
INANITION	12	8	10	1						11								1					5	7
OLD AGE	22	21															2	2	8	8	2		7	15
PREMATURE BIRTH	20	22	20							20													11	9
PUERP'L DISEASES (not includ'g Puerp'l Fever),	4	1											1	1	2									4
OTHER DEVELOPMENTAL DISEASES	19	39	10	1	2		1			14	1				1	1			1	1			8	11
V. VIOLENT.																								
ACCIDENTAL	40	35	2		1	1		1	1	6	3	1	3	8	7	2	4	3	2	1			33	7
HOMICIDAL	2	6										1			1								2	
SUICIDAL	2	14														1		1					2	
OTHER VIOLENT CAUSES	4		1		1				1	3						1							3	1
UNKNOWN CAUSES	3	2	1	1						2				1									1	2
TOTAL FROM ALL CAUSES	885	903	118	56	88	59	15	14	7	357	10	12	23	72	89	71	78	84	55	29	5		436	449
TOTAL FROM ZYMOTIC DISEASES	163	174																						
INCLUDING TUBERCULAR DISEASES	273	310	24	15	44	21	8	5	4	121	1	4	3	8	12	4	4		2	4			81	82
TOTAL FROM CONSTITUTIONAL DISEASES	205	208	28	15	8	10	1	2		64	1	2	8	23	28	24	22	13	5	3			97	108
" " LOCAL "	388	373	21	23	32	27	5	6	1	115	4	4	8	21	38	38	46	62	37	12	3		186	202
" " DEVELOPMENTAL "	78	91	41	2	2		1			46	1		1	1	3	1	2	3	9	9	2		31	47
" " VIOLENT CAUSES	48	55	3		2	1		1	2	9	3	2	3	8	8	4	4	4	2	1			40	8

Comparative Statement of Cases of Contagious Disease reported to the Board of Health for the month of September, 1897, and for the corresponding month in 1896.

CASES REPORTED DURING SEPTEMBER, 1897.			CASES REPORTED DURING SEPTEMBER, 1896.		
	City.	Quarantine.		City.	Quarantine.
Diphtheria	162	....	Diphtheria	296	....
Measles	19	....	Measles	56	....
Small Pox . . . . .	....	....	Small Pox . . . . .	....	....
Scarlatina	58	....	Scarlatina	53	....
Typhoid Fever	94	1	Typhoid Fever	196	....
Typhus Fever . . . . .	....	....	Typhus Fever . . . . .	....	....
Yellow Fever . . . . .	....	....	Yellow Fever . . . . .	....	....

METEOROLOGICAL OBSERVATIONS TAKEN AT THE WEATHER BUREAU, BOSTON.

For the month of September, 1897, as reported by J. W. SMITH, L. F. O., Weather Bureau.

DATE.	DAILY MEAN BAROMETER.	DAILY MEAN TEMPERATURE.	DAILY MEAN HUMIDITY.	PREVAILING DIRECTION OF WIND.	DAILY RAIN FALL.	GENERAL ITEMS.
1	30.10	68	61	W.	.00	Mean Barometer, 30.12.
2	30.08	65	94	N.W.	.55	Highest Barometer, 30.41, on the 4th.
3	30.28	60	70	N.	.00	Lowest Barometer, 29.73, on the 17th.
4	30.38	59	70	E.	.00	Monthly Range of Barometer, .68.
5	30.21	70	69	W.	.00	Mean Temperature, 63.
6	30.14	76	62	W.	.00	Highest Temperature, 94, on the 10th.
7	30.36	68	66	E.	.00	Lowest Temperature, 41, on the 28th.
8	30.19	68	70	S.W.	.00	Monthly Range of Temperature, 53.
9	30.06	78	70	W.	.00	Greatest Daily Range of Temperature, 29, on the 11th.
10	30.04	83	68	W.	.00	Least Daily Range of Temperature, 6, on the 2d.
11	30.16	72	76	W.	.11	Mean Daily Range of Temperature, 18 degrees.
12	30.28	58	76	E.	.00	Mean Daily Dew-point, 53.
13	29.95	66	89	S.W.	.18	Mean Daily Relative Humidity, 74.
14	30.12	62	78	N.W.	.00	Prevailing Direction of Wind, W.
15	30.22	60	70	N.W.	.00	Total Movement of Wind, 7,540.
16	30.00	62	84	N.W.	*T	Highest Velocity of Wind and Direction, 30 N.W., on the 26th.
17	29.80	62	84	N.	.11	Number of Foggy Days, 0.
18	29.98	56	72	N.W.	.00	Number of Clear Days, 16.
19	29.98	62	71	S.	.00	Total Number of Days on which Rain or Snow fell, 7.
20	29.90	60	96	N.W.	.74	Depth of unmelted Snow on ground at end of month, —
21	30.08	54	59	N.W.	.00	Dates of Auroras, —
22	30.31	52	75	N.E.	.00	Dates of Solar Halos, —
23	30.23	54	86	N.E.	*T	Dates of Lunar Halos, —
24	29.97	62	92	N.E.	.61	Thunder Storm, 13, 16.
25	30.06	67	66	W.	.00	Mean Max. Temp., 72.0.
26	29.88	68	88	S.W.	.08	
27	30.04	52	50	N.W.	*T	
28	30.20	52	48	N.W.	.00	
29	30.28	56	48	N.W.	.00	
30	30.26	63	66	S.W.	.00	
31						
TOTALS.....	—	—	—	—	2.38	
MEANS.....	30.12	63	74	W.	.079	
						Mean Barometer, 30.12. Highest Barometer, 30.41, on the 4th. Lowest Barometer, 29.73, on the 17th. Monthly Range of Barometer, .68. Mean Temperature, 63. Highest Temperature, 94, on the 10th. Lowest Temperature, 41, on the 28th. Monthly Range of Temperature, 53. Greatest Daily Range of Temperature, 29, on the 11th. Least Daily Range of Temperature, 6, on the 2d. Mean Daily Range of Temperature, 18 degrees. Mean Daily Dew-point, 53. Mean Daily Relative Humidity, 74. Prevailing Direction of Wind, W. Total Movement of Wind, 7,540. Highest Velocity of Wind and Direction, 30 N.W., on the 26th. Number of Foggy Days, 0. Number of Clear Days, 16. Total Number of Days on which Rain or Snow fell, 7. Depth of unmelted Snow on ground at end of month, — Dates of Auroras, — Dates of Solar Halos, — Dates of Lunar Halos, — Thunder Storm, 13, 16. Mean Max. Temp., 72.0.
						MEAN TEMPERATURE for this month in Total Precipitation for this Month in Inches.
						1871 59 1871 1.30
						1872 64 1872 6.04
						1873 62 1873 2.91
						1874 64 1874 2.05
						1875 59 1875 3.12
						1876 59 1876 3.84
						1877 64 1877 3.60
						1878 63 1878 3.47
						1879 61 1879 1.84
						1880 64 1880 2.36
						1881 66 1881 2.50
						1882 63 1882 10.03
						1883 59 1883 1.50
						1884 66 1884 0.31
						1885 60 1885 1.70
						1886 63 1886 2.73
						1887 60 1887 0.97
						1888 60 1888 6.77
						1889 63 1889 3.19
						1890 63 1890 5.04
						1891 67 1891 2.20
						1892 62 1892 1.00
						1893 60 1893 1.59
						1894 65 1894 2.14
						1895 66 1895 1.53
						1896 62 1896 6.40
						1897 63 1897 2.38

*T indicates trace of precipitation. Average mean temperature for 27 years, 62 degrees. Average monthly precipitation (August) for 27 years, 3.12.

HEALTH DEPARTMENT OF THE CITY OF BOSTON.

Statement of Deaths for the month of October, 1897,

With an enumeration of the more prominent causes; accompanied by an abstract of Meteorological Observations.

Published by order of the Board of Health.

SAMUEL H. DURGIN, M.D.,
Chairman.

Deaths during the month of October, 1897, 871
Population estimated at 516,305. Rate per 1,000 inhabitants, 20.24

Total number 871

SEX.

Males 456

Females 415

CONDITION.

Married 283

Single 468

Widows 74

Widowers 35

Unknown 11

COLOR.

White 855

Colored 16

Total deaths of children { Under 1 year 203
Under 2 years 243
Under 5 years 285

Diarrhœal diseases { Under 1 year 22
Under 2 years 24
Under 5 years 24
All ages 29

NATIVITY.

United States 563

Ireland 154

England 18

Scotland 7

Germany 16

British America 53

Italy 11

Russia 15

Other Countries 19

Unknown 15

PARENTAGE.

United States 191

Irish 275

English 18

Scotch 8

German 28

British American 50

Italian 21

Russian 35

Other Countries 64

Mixed 71

Unknown 110

Still-births during the month 52

Total Deaths with Principal Causes for the month

CAUSES OF DEATH.	Total Mortality for October, 1897.	Total Mortality for October, 1896.	AGE.																			SEX.			
			Under 3 months.	3 months and under 6 months.	6 months and under 1 year.	1 year and under 2 years.	2 years and under 3 years.	3 years and under 4 years.	4 years and under 5 years.	Total under 5 years.	5 years and under 10 years.	10 years and under 15 years.	15 years and under 20 years.	20 years and under 30 years.	30 years and under 40 years.	40 years and under 50 years.	50 years and under 60 years.	60 years and under 70 years.	70 years and under 80 years.	80 years and under 90 years.	90 years and under 100 years.	100 years and over.	Males.	Females.	
I. ZYMOTICS.																									
ALCOHOLISM	7	14											1		1	3	2							5	2
CROUP	5	6				2	1		1	4	1													4	
CARBUNCLE																									
CHOLERA MORBUS	1			1						1														1	
CHOLERA INFANTUM	16	11	3	5	6	2				16														7	9
CEREBRO-SPINAL MENINGITIS	6	1				2	1			3				1		1		1						5	1
CONGESTIVE FEVER																									
DIARRHŒA	10	3	1	2	4					7					1			1		1				6	4
DYSENTERY	2	1															1				1			1	1
DIPHTHERIA	20	54		1		7	4	2	3	17	3													11	9
ERYSIPELAS		2																							
INTERMITTENT FEVER																									
INFLUENZA																									
MEASLES		2																							
PURPURA	1													1											1
PUERPERAL FEVER		1																							
PTŒMIA	1													1											
REMITTENT FEVER																									
RHEUMATISM		1																							
SCARLATINA	3	5					1	1	2			1												2	1
SMALL POX																									
SYPHILIS (CONGENITAL)	2	4	1	1						2														2	
SYPHILIS	1	1															1							1	
SEPTICŒMIA	8	5												3	1	1			3					6	2
TONSILLITIS																									
TYPHOID FEVER	22	34						1	1			3	12	4	1		1							12	10
TYPHUS FEVER																									
WHOOPING COUGH	2	4		2						2														1	1
YELLOW FEVER																									
OTHER ZYMOTIC DISEASES	1													1										1	
II. CONSTITUTIONAL.																									
CANCER	33	25												1	2	5	11	11	2	1				13	20
HYDROCEPHALUS AND TUBERC. MENINGITIS.	9	14	1			4	3			8	1													6	3
MARASMUS, SCROFULA & TABES MESENTERICA	50	36	20	21	4	2	1		1	49	1													33	17
PHTHISIS PULMONALIS	114	124			1	2				3	1	4	8	30	33	16	10	8	1					55	59
OTHER CONSTITUTIONAL DISEASES	21	22			1	2	1			4	1	2	2	7		1		3	1					14	7

of October, Classified by Cause, Age and Sex.

CAUSES OF DEATH.	Total Mortality for October, 1897.	Total Mortality for October, 1896.	AGE.																				SEX.	
			Under 3 months.	3 months and under 6 months.	6 months and under 1 year.	1 year and under 2 years.	2 years and under 3 years.	3 years and under 4 years.	4 years and under 5 years.	Total under 5 years.	5 years and under 10 years.	10 years and under 15 years.	15 years and under 20 years.	20 years and under 30 years.	30 years and under 40 years.	40 years and under 50 years.	50 years and under 60 years.	60 years and under 70 years.	70 years and under 80 years.	80 years and under 90 years.	90 years and under 100 years.	100 years and over.	Males.	Females.
III. LOCAL.																								
APOPLEXY	38	30	3						3		1			2	6	8	10	6	1	1			13	25
BRIGHT'S DISEASE	17	10										1		2	2	4	4	4					7	10
BRONCHITIS	26	26	6	1		2	3	1	1	14	1	1		1	2	3	1	2	1				12	14
HEART DISEASE	57	66	3							3	1	1	5	7	6	9	10	10	5				28	29
MENINGITIS	26	19	2	5	5	2	3		1	18	1	1	2	3		1							14	12
NEPHRITIS	14	18										2		1	3	5	2	1					5	9
PLEURISY	2														2								1	1
PNEUMONIA	70	77	5	3	5	7	4	1		25	1	5	3	3	11	8	6	5	3				43	27
OTHER LOCAL DISEASES	154	135	24	7	13	5	1	1	2	55	5	1	9	14	16	17	19	15	3				79	75
IV. DEVELOPMENTAL.																								
CYANOSIS	1	1	1						1															1
INFANTIN	13	7	10	1	1		1			13													3	10
OLD AGE	24	15														1	3	7	10	3			7	17
PREMATURE BIRTH	14	13	14							14													10	4
PUERP'L DISEASES (not includ'g Puerp'l Fever),	7	3											1	5	1									7
OTHER DEVELOPMENTAL DISEASES	18	35	11	1	1	1		1		15					1		1	1					10	8
V. VIOLENT.																								
ACCIDENTAL	37	39	3					1	4		4	1	2	7	7	6	2	1	2		1		28	9
HOMICIDAL	3	2												1	1	1							2	1
SUICIDAL	6	7												3	1		2						6	
OTHER VIOLENT CAUSES	4														2	1		1						4
UNKNOWN CAUSES	5	6	1						1			1		1			2						2	3
TOTAL FROM ALL CAUSES	871	879	111	51	41	40	24	9	9	285	21	8	29	89	91	85	85	87	00	25	6		456	415
TOTAL FROM ZYMOTIC DISEASES	108	149																						
INCLUDING TUBERCULAR DISEASES	272	315	5	12	10	13	7	4	4	55	4		4	20	6	5	4	5	3	1	1		65	43
TOTAL FROM CONSTITUTIONAL DISEASES	227	221	21	21	6	10	5		1	64	4	6	10	38	35	22	21	22	4	1			121	106
" " LOCAL "	404	381	45	16	23	16	11	3	4	118	9	1	12	19	33	48	55	52	43	13	1		202	202
" " DEVELOPMENTAL "	77	74	36	2	2	1	1	1		43				1	5	2	1	4	8	10	3		30	47
" " VIOLENT CAUSES	50	48	3					1	4	4	1	2	11	11	8	4	2	2		1			36	14

Comparative Statement of Cases of Contagious Disease reported to the Board of Health for the month of October, 1897, and for the corresponding month in 1896.

CASES REPORTED DURING OCTOBER, 1897.			CASES REPORTED DURING OCTOBER, 1896.		
	City.	Quarantine.		City.	Quarantine.
Diphtheria	206	....	Diphtheria	461	....
Measles	21	....	Measles	194	....
Small Pox . . . . .	....	....	Small Pox . . . . .	....	....
Scarlatina	120	....	Scarlatina	81	....
Typhoid Fever	106	....	Typhoid Fever	221	....
Typhus Fever . . . . .	....	....	Typhus Fever . . . . .	....	....
Yellow Fever . . . . .	....	....	Yellow Fever . . . . .	....	....

METEOROLOGICAL OBSERVATIONS TAKEN AT THE WEATHER BUREAU, BOSTON.

For the month of October, 1897, as reported by J. W. SMITH, L. F. O., Weather Bureau.

DATE.	DAILY MEAN BAROMETER.	DAILY MEAN TEMPERATURE.	DAILY MEAN HUMIDITY.	PREVAILING DIRECTION OF WIND.	DAILY RAINFALL.	GENERAL ITEMS.
1	30.12	71	56	W.	.00	Mean Barometer, 30.16
2	30.56	50	60	N.E.	.00	Highest Barometer, 30.68, on the 3d.
3	30.63	48	71	N.	.00	Lowest Barometer, 29.55, on the 29th.
4	30.41	60	62	S.W.	.00	Monthly Range of Barometer, 1.13.
5	30.12	61	62	S.W.	.00	Mean Temperature, 54.
6	29.86	62	78	S.W.	*T	Highest Temperature, 88, on the 16th.
7	29.94	56	73	N.W.	*T	Lowest Temperature, 32, on the 31st.
8	30.06	52	63	N.W.	.02	Monthly Range of Temperature, 56.
9	30.02	54	50	S.W.	.00	Greatest Daily Range of Temperature, 37, on the 17th.
10	30.30	46	55	N.W.	.00	Least Daily Range of Temperature, 3, on the 20th.
11	30.21	56	82	S.	*T	Mean Daily Range of Temperature, 18 degrees.
12	30.03	70	89	S.	.28	Mean Daily Dew-point, 43.
13	30.37	62	66	N.W.	.00	Mean Daily Relative Humidity, 70.
14	30.50	56	76	N.W.	.00	Prevailing Direction of Wind, N.W.
15	30.18	70	69	S.W.	.00	Total Movement of Wind, 8,093.
16	29.87	78	62	S.W.	.00	Highest Velocity of Wind and Direction, 38 N.W., on the 17th.
17	30.20	58	53	N.W.	.00	Number of Foggy Days, 2.
18	30.32	48	54	W.	.00	Number of Fair Days, 5.
19	30.12	57	47	W.	.09	Number of Clear Days, 17.
20	30.12	52	82	N.E.	.11	Total Number of Days on which Rain or Snow fell, 3.
21	30.03	47	81	N.E.	.00	Depth of unmelted Snow on ground at end of month, —
22	30.24	43	76	N.	.00	Dates of Auroras, —
23	30.34	44	68	E.	.00	Dates of Solar Halos, 20
24	30.24	44	86	N.E.	.00	Dates of Lunar Halos, —
25	30.02	52	76	N.	.00	Thunder Storm, —
26	30.15	52	86	N.E.	.00	Mean Max. Temp., 63.
27	30.21	48	92	E.	.00	Dates of Frosts, 31st, (killing.)
28	29.86	53	96	N.E.	.00	Mean Min. Temp., 46.
29	29.63	50	82	N.W.	.00	MEAN TEMPERATURE for this month in
30	29.99	41	56	N.W.	.00	Total Precipitation for this Month in Inches.
31	30.18	42	60	N.W.	.00	1871 54 1871 5.88
TOTALS	—	—	—	—	.41	1872 52 1872 4.85
MEANS	30.16	54	70	N.W.	.013	1873 53 1873 5.33
						1874 53 1874 1.39
						1875 50 1875 4.99
						1876 48 1876 1.66
						1877 51 1877 8.84
						1878 55 1878 6.76
						1879 56 1879 0.91
						1880 51 1880 3.15
						1881 53 1881 2.84
						1882 55 1882 2.29
						1883 47 1883 6.40
						1884 52 1884 3.17
						1885 51 1885 5.71
						1886 52 1886 3.27
						1887 51 1887 2.53
						1888 49 1888 3.58
						1889 48 1889 3.31
						1890 51 1890 5.63
						1891 52 1891 5.56
						1892 53 1892 2.31
						1893 55 1893 2.94
						1894 54 1894 5.11
						1895 50 1895 6.19
						1896 50 1896 3.45
						1897 54 1897 4.41

*T indicates trace of precipitation. Average mean temperature for 27 years, 51 degrees. Average monthly precipitation for 27 years, 4.00

HEALTH DEPARTMENT OF THE CITY OF BOSTON.

Statement of Deaths for the month of November, 1897,

With an enumeration of the more prominent causes; accompanied by an abstract of Meteorological Observations.

Published by order of the Board of Health.

SAMUEL H. DURGIN, M.D.,
Chairman.

Deaths during the month of November, 1897, 813

Population estimated at 516,305. Rate per 1,000 inhabitants, 18.89

Total number 813

SEX.

Males 431

Females 382

CONDITION.

Married 255

Single 414

Widows 99

Widowers 40

Unknown 5

COLOR.

White 787

Colored 26

Total deaths of children { Under 1 year 160
Under 2 years 203
Under 5 years 230

Diarrhœal diseases { Under 1 year 4
Under 2 years 4
Under 5 years 5
All ages 9

NATIVITY.

United States 525

Ireland 170

England 14

Scotland 4

Germany 12

British America 49

Italy 8

Russia 11

Other Countries 12

Unknown 8

PARENTAGE.

United States 209

Irish 270

English 16

Scotch 6

German 16

British American 49

Italian 26

Russian 19

Other Countries 62

Mixed 49

Unknown 91

Still-births during the month 40

Total Deaths with Principal Causes for the month

CAUSES OF DEATH.			AGE.																	SEX.					
	Total Mortality for November, 1897.	Total Mortality for November, 1896.	Under 3 months.	3 months and under 6 months.	6 months and under 1 year.	1 year and under 2 years.	2 years and under 3 years.	3 years and under 4 years.	4 years and under 5 years.	Total under 5 years.	5 years and under 10 years.	10 years and under 15 years.	15 years and under 20 years.	20 years and under 30 years.	30 years and under 40 years.	40 years and under 50 years.	50 years and under 60 years.	60 years and under 70 years.	70 years and under 80 years.	80 years and under 90 years.	90 years and under 100 years.	100 years and over.	Males.	Females.	
I. ZYMOTICS.																									
ALCOHOLISM	1	6															1							1	
CROUP	4	6				3				3	1													3	
CARBUNCLE																									
CHOLERA MORBUS	1						1			1														1	
CHOLERA INFANTUM	2	2	1							1	1														2
CEREBRO-SPINAL MENINGITIS	6	5			1	1	1			3			1		1	1								6	
CONGESTIVE FEVER																									
DIARRHŒA	5	4	1		2					3							1	1						2	3
DYSENTERY	1	2													1										1
DIPHTHERIA	21	60		1		4	2	4	3	14	5			2										10	11
ERYSIPELAS	1	2											1											1	
INTERMITTENT FEVER																									
INFLUENZA	1																		1					1	
MEASLES		1																							
PURPURA	1																		1						1
PUERPERAL FEVER		2																							
PTŒMIA	2													1	1										
REMITTENT FEVER																									
RHEUMATISM	1	1																1							1
SCARLATINA	1	15							1	1														1	
SMALL POX																									
SYPHILIS (CONGENITAL)	2	1	2							2														1	1
SYPHILIS	1															1								1	
SEPTICŒMIA	7	8	2							2			1	1		1		1	1					2	5
TONSILLITIS																									
TYPHOID FEVER	18	23					1		1	1	1	1	1	8	5			1						11	7
TYPHUS FEVER																									
WHOOPING COUGH	1	4				1				1														1	
YELLOW FEVER																									
OTHER ZYMOTIC DISEASES	2													1		1								2	
II. CONSTITUTIONAL.																									
CANCER	27	33													2	8	8	7	2					14	13
HYDROCEPHALUS AND TUBERC. MENINGITIS	16	14		4		6	3			13			1	1	1									9	7
MARASMUS, SCROFULA & TABES MESENTERICA	25	20	11	6	5	1				23	1									1				10	15
PHTHISIS PULMONALIS	113	91	1		2	1			1	5	1	2	11	32	25	12	14	9	2					62	51
OTHER CONSTITUTIONAL DISEASES	23	15	1			4			1	6		1	3	5	4	2	2							14	9

of November, Classified by Cause, Age and Sex.

CAUSES OF DEATH.	AGE.																	SEX.								
	Total Mortality for November, 1897.	Total Mortality for November, 1896.	Under 3 months.	3 months and under 6 months.	6 months and under 1 year.	1 year and under 2 years.	2 years and under 3 years.	3 years and under 4 years.	4 years and under 5 years.	Total under 5 years.	5 years and under 10 years.	10 years and under 15 years.	15 years and under 20 years.	20 years and under 25 years.	25 years and under 30 years.	30 years and under 40 years.	40 years and under 50 years.	50 years and under 60 years.	60 years and under 70 years.	70 years and under 80 years.	80 years and under 90 years.	90 years and under 100 years.	100 years and over.	Males.	Females.	
III. LOCAL.																										
APOPLEXY	33	38													1	2	1	10	7	7	5				20	13
BRIGHT'S DISEASE	9	8														1	1	1	4	1	1				8	1
BRONCHITIS	38	26	6	2	8		1			17							3	3	6	7		1	1		15	23
HEART DISEASE	76	54												3	8	15	17	18	8	7					33	43
MENINGITIS	29	17	1	4	6	6	1	1		19	4		1	1	2	1	1								16	13
NEPHRITIS	24	17				1				1				4	5	1	6	3	4						16	8
PLEURISY	1																		1							1
PNEUMONIA	86	70	5	7	8	5	2	1		28	3		2	10	9	7	12	6	8	1					46	40
OTHER LOCAL DISEASES	122	149	16	5	5	7		1		34	1	1		9	10	17	16	17	13	4					57	65
IV. DEVELOPMENTAL.																										
CYANOSIS																										
INANITION	11	3	9	2						11															7	4
OLD AGE	18	17																	1	10	6	1			7	11
PREMATURE BIRTH	19	17	17			1		1		19															11	8
PUEP'L DISEASES (not includ'g Puerp'l Fever).	1	2											1													1
OTHER DEVELOPMENTAL DISEASES	17	23	11	1	2					14						1		1		1					9	8
V. VIOLENT.																										
ACCIDENTAL	26	48	2	1		2		1		6				3	6	7	2	1				1			22	4
HOMICIDAL	2	1												1	1											2
SUICIDAL	12	4												1	4	3		4							10	2
OTHER VIOLENT CAUSES	3	1												1		1		1								3
UNKNOWN CAUSES	3	5	1	1						2						1									1	2
TOTAL FROM ALL CAUSES	813	815	87	34	39	43	11	10	6	230	18	5	23	85	89	84	94	89	66	26	3	1			431	382
TOTAL FROM ZYMOTIC DISEASES	79	142																								
INCLUDING TUBERCULAR DISEASES	253	273	6	1	3	9	4	5	4	32	8	1	4	13	8	4	2	4	3						44	35
TOTAL FROM CONSTITUTIONAL DISEASES	204	173	13	10	7	12	3		2	47	2	3	15	38	32	22	24	16	4	1					109	95
" " LOCAL "	418	379	28	18	27	19	4	3		99	8	1	3	28	37	46	66	61	49	18	1	1			211	207
" " DEVELOPMENTAL "	66	62	37	3	2	1		1		44			1			1		2	10	7	1				34	32
" " VIOLENT CAUSES	43	54	2	1		2		1		6				6	11	11	2	6			1				32	11

Comparative Statement of Cases of Contagious Disease reported to the Board of Health for the month of November, 1897, and for the corresponding month in 1896.

CASES REPORTED DURING NOVEMBER, 1897.			CASES REPORTED DURING NOVEMBER, 1896.		
	City.	Quarantine.		City.	Quarantine.
Diphtheria	257	....	Diphtheria	498	....
Measles	46	....	Measles	336	....
Small Pox . . . . .	....	....	Small Pox . . . . .	....	....
Scarlatina	118	....	Scarlatina	167	....
Typhoid Fever	62	....	Typhoid Fever	165	1
Typhus Fever . . . . .	....	....	Typhus Fever . . . . .	....	....
Yellow Fever . . . . .	....	....	Yellow Fever . . . . .	....	....

METEOROLOGICAL OBSERVATIONS TAKEN AT THE WEATHER BUREAU, BOSTON.

For the month of November, 1897, as reported by J. W. SMITH, L. F. O., Weather Bureau.

DATE.	DAILY MEAN BAROMETER.	DAILY MEAN TEMPERATURE.	DAILY MEAN HUMIDITY.	PREVAILING DIRECTION OF WIND.	DAILY RAINFALL.	GENERAL ITEMS.
1	30.10	44	90	S.	.42	Mean Barometer, 30.06 Highest Barometer, 30.62, on the 28th. Lowest Barometer, 29.09, on the 9th. Monthly Range of Barometer, 1.53. Mean Temperature, 41.
2	29.78	43	86	N.E.	1.74	Highest Temperature, 68, on the 16th. Lowest Temperature, 13, on the 24th. Monthly Range of Temperature, 55.
3	29.83	43	78	N.W.	.09	Greatest Daily Range of Temperature, 37, on the 27th. Least Daily Range of Temperature, 5, on the 19th.
4	30.26	42	80	N.W.	.00	Mean Daily Range of Temperature, 16 degrees. Mean Daily Dew-point, 34.
5	30.17	43	74	S.W.	.00	Mean Daily Relative Humidity, 78. Prevailing Direction of Wind, N.W.
6	29.87	44	74	S.W.	.16	Total Movement of Wind, 8,662. Highest Velocity of Wind and Direction, 46 N.W., on the 12th.
7	29.92	45	60	W.	.00	Number of Foggy Days, 1. Number of Clear Days, 7.
8	29.89	42	72	W.	.02	Total Number of Days on which Rain or Snow fell, 15. Depth of Unmelted Snow on ground at end of month, —
9	29.34	51	88	E.	.60	Dates of Auroras, — Dates of Solar Halos, 11.
10	29.78	44	64	W.	.00	Dates of Lunar Halos, 30. Thunder Storm, —
11	29.86	40	77	W.	*T	Mean Max. Temp., 50. Dates of Frosts, —
12	29.37	40	98	N.W.	1.77	Mean Min. Temp., 33.
13	29.77	42	68	W.	*T	MEAN TEMPERATURE for this month in
14	30.16	38	63	N.W.	.00	Total Precipitation for this Month in Inches.
15	30.32	58	89	W.	*T	1871 37 1871 6.42
16	29.98	56	90	S.W.	.02	1872 40 1872 3.66
17	30.23	38	70	N.W.	.16	1873 33 1873 8.34
18	30.41	32	62	N.W.	.00	1874 41 1874 2.85
19	30.34	28	76	N.	*T	1875 34 1875 5.47
20	30.27	34	93	N.	.22	1876 40 1876 11.03
21	29.87	49	93	W.	.00	1877 43 1877 9.62
22	30.05	40	72	N.W.	.00	1878 40 1878 8.94
23	29.90	25	88	N.W.	.29	1879 39 1879 2.97
24	30.46	24	64	W.	.00	1880 37 1880 2.30
25	30.42	37	69	S.W.	.00	1881 42 1881 3.73
26	30.13	54	86	S.W.	.03	1882 38 1882 1.20
27	30.10	42	78	S.W.	.56	1883 42 1883 2.08
28	30.61	26	64	N.	.00	1884 41 1884 3.03
29	30.19	36	85	N.W.	.10	1885 44 1885 5.78
30	30.14	30	66	W.	.01	1886 43 1886 3.59
TOTALS	—	—	—	—	6.19	1887 42 1887 2.22
MEANS	30.06	41	78	N.W.	.206	1888 45 1888 4.97
						1889 45 1889 4.91
						1890 42 1890 0.97
						1891 41 1891 2.35
						1892 41 1892 4.45
						1893 32 1893 1.83
						1894 38 1894 3.10
						1895 45 1895 8.07
						1896 46 1896 3.70
						1897 41 1897 6.19

* T Indicates trace of precipitation. Average mean temperature for 27 years, 41.0. Average monthly precipitation for 27 years, 4.58.

HEALTH DEPARTMENT OF THE CITY OF BOSTON.

Statement of Deaths for the month of December, 1897,

With an enumeration of the more prominent causes; accompanied by an abstract of Meteorological Observations.

Published by order of the Board of Health.

SAMUEL H. DURGIN, M.D.,
Chairman.

Deaths during the month of December, 1897, 813
Population estimated at 516,305. Rate per 1,000 inhabitants, 18.89

Total number 813

SEX.

Males 420

Females 393

CONDITION.

Married 268

Single 411

Widows 89

Widowers 38

Unknown 7

COLOR.

White 791

Colored 22

Total deaths of children { Under 1 year 142
Under 2 years 176
Under 5 years 214

Diarrhœal diseases { Under 1 year 0
Under 2 years 0
Under 5 years 0
All ages 2

NATIVITY.

United States 506

Ireland 149

England 26

Scotland 7

Germany 23

British America 57

Italy 11

Russia 9

Other Countries 14

Unknown 11

PARENTAGE.

United States 206

Irish 261

English 23

Scotch 14

German 28

British American 45

Italian 24

Russian 14

Other Countries 59

Mixed 58

Unknown 81

Still-births during the month 48

Total Deaths with Principal Causes for the month

CAUSES OF DEATH.	Total Mortality for December, 1897.	Total Mortality for December, 1896.	AGE.																	SEX.					
			Under 3 months.	3 months and under 6 months.	6 months and under 1 year.	1 year and under 2 years.	2 years and under 3 years.	3 years and under 4 years.	4 years and under 5 years.	Total under 5 years.	5 years and under 10 years.	10 years and under 15 years.	15 years and under 20 years.	20 years and under 30 years.	30 years and under 40 years.	40 years and under 50 years.	50 years and under 60 years.	60 years and under 70 years.	70 years and under 80 years.	80 years and under 90 years.	90 years and under 100 years.	100 years and over.	Males.	Females.	
I. ZYMOTICS.																									
ALCOHOLISM	7	7												2	3	2								6	1
CROUP	2	9				1			1	1														2	
CARBUNCLE	1														1									1	
CHOLERA MORBUS																									
CHOLERA INFANTUM	1										1													1	
CEREBRO-SPINAL MENINGITIS	5	2	1		1					2		1		1	1									2	3
CONGESTIVE FEVER																									
DIARRHŒA	1	4															1								1
DYSENTERY		1																							
DIPHTHERIA	27	43	1		1	4	3	4	2	15	8	2		1		1								13	14
ERYSIPELAS	2	3	1							1				1										1	1
INTERMITTENT FEVER																									
INFLUENZA	1																	1							1
MEASLES		4																							
PURPURA	1		1							1														1	
PUERPERAL FEVER	1	2													1										1
PYÆMIA	1															1								1	
REMITTENT FEVER		1																							
RHEUMATISM																									
SCARLATINA	3	22				1				1	1			1											3
SMALL POX																									
SYPHILIS (CONGENITAL)	2	7	1	1						2														1	1
SYPHILIS	1	1														1									1
SEPTICÆMIA	10	3				1				1				2	2	3	2							1	9
TONSILLITIS																									
TYPHOID FEVER	13	14	1							1		1	3	4	3			1						7	6
TYPHUS FEVER																									
WHOOPING COUGH	2	5	1		1					2														1	1
YELLOW FEVER																									
OTHER ZYMOTIC DISEASES		2																							
II. CONSTITUTIONAL.																									
CANCER	32	31													4	6	7	8	4	3				9	23
HYDROCEPHALUS AND TUBERC. MENINGITIS	5	16				2	1	2		5														2	3
MARASMUS, SCROFULA & TABES MESENTERICA	18	15	7	4	2	2	2		1	18														9	9
PHTHISIS PULMONALIS	104	99						1	1	1	1	3	34	29	20	9	5	1						62	42
OTHER CONSTITUTIONAL DISEASES	13	21		2		1	1		1	5	1		3	1		1		2						8	5

of December, Classified by Cause, Age and Sex.

CAUSES OF DEATH.	Total Mortality for December, 1897.	Total Mortality for December, 1896.	AGE.																			SEX.		
			Under 3 months. 3 months and under 6 months. 6 months and under 1 year. 1 year and under 2 years. 2 years and under 3 years. 3 years and under 4 years. 4 years and under 5 years. Total under 5 years. 5 years and under 10 years. 10 years and under 15 years. 15 years and under 20 years. 20 years and under 30 years. 30 years and under 40 years. 40 years and under 50 years. 50 years and under 60 years. 60 years and under 70 years. 70 years and under 80 years. 80 years and under 90 years. 90 years and under 100 years. 100 years and over.	Males.	Females.																			
III. LOCAL.																								
APOPLEXY	31	34												2	1	3	3	9	6	7			12	19
BRIGHT'S DISEASE	4	12						1	1						1				2				1	3
BRONCHITIS	41	37	8	3	6	3		1	21	1				1	1	1	3	4	7	2			21	20
HEART DISEASE	79	69	3						3		2	2	5	12	12	13	16	12	2				33	46
MENINGITIS	11	16	2	3	1	2		1	9						1	1							5	6
NEPHRITIS	37	21			1	1			2					1	3	7	6	8	9	5	1		19	18
PLEURISY																								
PNEUMONIA	109	129	8	7	12	11	5	3	2	43	3		5	3	6	9	8	16	6	5			55	54
OTHER LOCAL DISEASES	125	153	12	4	5	3	1	3	1	29		1	4	8	14	13	13	16	13	3	1		72	53
IV. DEVELOPMENTAL.																								
CYANOSIS	3	2	3						3														2	1
INANITION	15	7	11	2	1				14							1							7	8
OLD AGE	13	18															1	2	4	11			5	13
PREMATURE BIRTH	13	17	13						13														6	7
PUERP'L DISEASES (not includ'g Puerp'l Fever),	1	1												1										1
OTHER DEVELOPMENTAL DISEASES	12	13	9			1			10							1	1						5	7
V. VIOLENT.																								
ACCIDENTAL	33	61				1			1	3				3	9	5	6	2	3	1			30	3
HOMICIDAL	3	1	1						1						1	1							3	
SUICIDAL	15	8												4	6	2		3					11	4
OTHER VIOLENT CAUSES	6	1	2						2					2	1	1							1	5
UNKNOWN CAUSES	4	5	1						1		1		1				1						4	
TOTAL FROM ALL CAUSES	813	917	87	26	29	34	15	16	7	214	20	9	21	78	102	98	77	95	63	35	1		420	393
TOTAL FROM ZYMOTIC DISEASES	81	130																						
INCLUDING TUBERCULAR DISEASES	207	267	7	1	1	7	5	4	2	27	11	4	3	10	9	10	5	2					38	43
TOTAL FROM CONSTITUTIONAL DISEASES	172	182	7	6	2	5	4	3	2	29	2	1	6	35	33	27	16	15	5	3			90	82
" " LOCAL "	437	471	33	17	25	20	6	9	3	113	4	3	12	22	43	50	48	70	51	20	1		218	219
" " DEVELOPMENTAL "	62	58	36	2	1	1				40				1		2	2	2	4	11			25	37
" " VIOLENT CAUSES	57	71	3			1				4	3			9	17	9	6	5	3	1			45	12

Comparative Statement of Cases of Contagious Disease reported to the Board of Health for the month of December, 1897, and for the corresponding month in 1896.

CASES REPORTED DURING DECEMBER, 1897.			CASES REPORTED DURING DECEMBER, 1896.		
	City.	Quarantine.		City.	Quarantine.
Diphtheria	206	....	Diphtheria	466	....
Measles	51	....	Measles	559	....
Small Pox . . . . .	....	....	Small Pox . . . . .	....	....
Scarlatina	112	....	Scarlatina	176	....
Typhoid Fever	32	....	Typhoid Fever	110	1
Typhus Fever . . . . .	....	....	Typhus Fever . . . . .	....	....
Yellow Fever . . . . .	....	....	Yellow Fever . . . . .	....	...

METEOROLOGICAL OBSERVATIONS TAKEN AT THE WEATHER BUREAU, BOSTON.

For the month of December, 1897, as reported by J. W. SMITH, L. F. O., Weather Bureau.

DATE.	DAILY MEAN BAROMETER.	DAILY MEAN TEMPERATURE.	DAILY MEAN HUMIDITY.	PREVAILING DIRECTION OF WIND.	DAILY RAINFALL.	GENERAL ITEMS.
1	30.16	30	69	W.	.01	Mean Barometer, 30.06 Highest Barometer, 30.60, on the 3d.
2	30.13	30	54	N.W.	.00	Lowest Barometer, 29.39, on the 31st.
3	30.56	26	68	N.	.08	Monthly Range of Barometer, 1.21.
4	30.16	34	94	N.W.	.02	Mean Temperature, 34.
5	29.58	46	88	W.	.25	Highest Temperature, 64, on the 10th.
6	30.12	33	64	N.	.00	Lowest Temperature, 9, on the 25th.
7	30.24	30	88	N.	.09	Monthly Range of Temperature, 55.
8	30.40	33	92	N.W.	.04	Greatest Daily Range of Temperature, 26, on the 18th.
9	30.26	45	93	S.W.	.00	Least Daily Range of Temperature, 4, on the 26th.
10	30.13	56	88	S.W.	.00	Mean Daily Range of Temperature, 12.
11	29.92	57	86	S.W.	.03	Mean Daily Dew-point, 26.
12	29.87	46	94	N.W.	.40	Mean Daily Relative Humidity, 77.
13	30.24	37	82	N.W.	.00	Prevailing Direction of Wind, N.W.
14	30.18	43	88	E.	1.10	Total Movement of Wind, 8,641.
15	29.63	52	94	S.	1.10	Highest Velocity of Wind and Direction, 42 E., on the 14th.
16	29.96	46	74	W.	.00	Number of Foggy Days, 0.
17	30.11	44	73	W.	.00	Number of Clear Days, 9.
18	29.92	36	75	N.W.	.02	Total Number of Days on which Rain or Snow fell, 15.
19	30.31	18	68	N.W.	.00	Depth of unmelted Snow on ground at end of month, .3 inch.
20	30.24	22	61	N.W.	*T	Dates of Auroras, —
21	29.76	28	88	N.W.	.16	Dates of Solar Halos, 10, 20.
22	29.82	25	78	N.W.	.00	Dates of Lunar Halos, 2, 9.
23	29.59	23	74	W.	*T	Thunder Storm, —
24	29.94	18	46	W.	.00	Mean Max. Temp., 40.
25	30.20	19	53	W.	.00	MEAN TEMPERATURE for this month is
26	29.89	30	94	S.W.	.26	1871 28
27	29.90	29	76	W.	*T	1872 24
28	30.36	20	59	N.W.	.00	1873 31
29	30.22	20	62	W.	.00	1874 31
30	29.77	36	74	S.W.	.07	1875 29
31	29.62	37	90	N.E.	.34	1876 22
TOTALS.....	—	—	—	—	3.92	1877 35
MEANS.....	30.06	34	77	N.W.	.128	1878 30
						1879 32
						1880 26
						1881 38
						1882 30
						1883 29
						1884 33
						1885 33
						1886 29
						1887 32
						1888 36
						1889 38
						1890 26
						1891 40
						1892 30
						1893 30
						1894 32
						1895 36
						1896 30
						1897 34
						1871 8.38
						1872 8.29
						1873 5.64
						1874 2.14
						1875 0.75
						1876 3.71
						1877 1.32
						1878 6.78
						1879 5.36
						1880 3.42
						1881 3.80
						1882 2.65
						1883 3.71
						1884 4.46
						1885 2.09
						1886 3.66
						1887 2.71
						1888 4.38
						1889 1.83
						1890 3.92
						1891 3.58
						1892 1.13
						1893 5.16
						1894 4.28
						1895 2.45
						1896 1.70
						1897 3.92

*T indicates trace of precipitation. Average mean temperature for 27 years, 31. Average monthly precipitation for 27 years, 3.38.

SUMMARY OF DEATHS IN BOSTON.

With Principal Causes for the year 1897. Compared with those of 1896.

PUBLISHED BY ORDER OF THE BOARD OF HEALTH.

SAMUEL H. DURGIN, M.D., Chairman.

	1897.	1896.		1897.	1896.
Total No. of deaths from all causes	11,154	11,634	Influenza	34	15
Population (estimated)	528,912	516,305	Intermittent Fever	1	5
Annual death rate per 1,000 inhabitants	21.08	22.53	Measles	21	27
Total No. from Zymotic diseases	1,806	1,985	Purpura	15	9
Percentage of deaths from Zymotic diseases to total mortality	16.19	17.06	Puerperal Fever	13	20
Total No. of Still-births	614	648	Pyæmia	6	8
Total deaths of children under 1 year	2,462	2,670	Remittent Fever	—	1
“ “ “ “ 2 years	3,076	3,345	Rheumatism	15	21
“ “ “ “ 5 years	3,708	4,055	Scarlatina	136	121
Percentage of deaths under 5 years to total mortality	33.24	34.85	Small-Pox	—	—
Total No. of deaths from diarrhoeal diseases, under 5 years	475	642	Syphilis (congenital)	22	40
Total No. of deaths from diarrhoeal diseases, all ages	522	713	Syphilis	9	6
Percentage of deaths from diarrhoeal diseases to total mortality	4.68	6.13	Septicæmia	67	53
Alcoholism	44	86	Tonsillitis	2	2
Croup	45	56	Typhoid Fever	173	162
Carbuncle	3	2	Typhus Fever	—	—
Cholera Morbus	17	29	Whooping Cough	39	67
Cholera Infantum	400	575	Yellow Fever	10	—
Cerebro Spinal Meningitis	185	21	Other Zymotic Diseases	10	4
Diarrhœa	87	65	Cancer	400	389
Dysentery	18	44	Phthisis Pulmonalis	1,289	1,328
Diphtheria	411	516	Bright's Disease	130	119
Erysipelas	32	30	Bronchitis	376	375
			Heart Disease	913	861
			Pneumonia	1,236	1,387
			Old Age	243	230
			Violent Deaths	557	584

HEALTH DEPARTMENT OF THE CITY OF BOSTON.

Statement of Deaths for the month of January, 1898,

With an enumeration of the more prominent causes; accompanied by an abstract of Meteorological Observations.

Published by order of the Board of Health.

SAMUEL H. DURGIN, M.D.,

Chairman.

Deaths during the month of January, 1898,	901
Population estimated at 528,912	Rate per 1,000 inhabitants, 20.44

Total number 901

SEX.

Males 447

Females 454

CONDITION.

Married 288

Single 440

Widows 120

Widowers 42

Unknown 11

COLOR.

White 880

Colored 21

Total deaths of children	Under 1 year	183
	Under 2 years	221
	Under 5 years	257

Diarrhœal diseases	Under 1 year	1
	Under 2 years	2
	Under 5 years	3
	All ages	4

NATIVITY.

United States 559

Ireland 183

England 29

Scotland 3

Germany 22

British America 62

Italy 16

Russia 6

Other Countries 16

Unknown 5

PARENTAGE.

United States 215

Irish 288

English 28

Scotch 8

German 25

British American 51

Italian 35

Russian 23

Other Countries 64

Mixed 59

Unknown 105

Still-births during the month 50

Total Deaths with Principal Causes for the month

CAUSES OF DEATH.	Total Mortality for January, 1888.	Total Mortality for January, 1887.	AGE.																	SEX.					
			Under 3 months.	3 months and under 6 months.	6 months and under 1 year.	1 year and under 2 years.	2 years and under 3 years.	3 years and under 4 years.	4 years and under 5 years.	Total under 5 years.	5 years and under 10 years.	10 years and under 15 years.	15 years and under 20 years.	20 years and under 30 years.	30 years and under 40 years.	40 years and under 50 years.	50 years and under 60 years.	60 years and under 70 years.	70 years and under 80 years.	80 years and under 90 years.	90 years and under 100 years.	100 years and over.	Males.	Females.	
I. ZYMOTICS.																									
ALCOHOLISM	5	2											1		2	2								4	1
CROUP	2	4					2		2																2
CARBUNCLE																									
CHOLERA MORBUS		1																							
CHOLERA INFANTUM	2	2				1	1		2															1	1
CEREBRO-SPINAL MENINGITIS	8	1		1	2					3		1		2	1			1						5	3
CONGESTIVE FEVER																									
DIARRHŒA	2	2		1						1									1					1	1
DYSENTERY																									
DIPHTHERIA	23	60			2	2	4	3	7	18		3			1	1								13	10
ERYSIPELAS	3	4		1						1										2				1	2
INTERMITTENT FEVER																									
INFLUENZA	2	1																1	1					1	1
MEASLES		3																							
PURPURA		2																							
PUERPERAL FEVER	1	1												1											1
PTÆMIA	1																	1						1	
REMITTENT FEVER																									
RHEUMATISM		4																							
SCARLATINA	4	18				2		1	3					1											4
SMALL POX																									
SYPHILIS (CONGENITAL)	2	2		1		1				2														1	1
SYPHILIS	1																1							1	
SEPTICÆMIA	5	9		1						1			1	1		1		1						2	3
TONSILLITIS																									
TYPHOID FEVER	8	14										1		1	3	1	1				1			5	3
TYPHUS FEVER																									
WHOOPING COUGH	2	3		1		1				2														1	1
YELLOW FEVER																									
OTHER ZYMOTIC DISEASES	1													1										1	
II. CONSTITUTIONAL.																									
CANCER	41	34												2	5	4	10	10	7	2	1			15	26
HYDROCEPHALUS AND TUBERC. MENINGITIS.	8	11		1	1	1	3			6				1	1									7	1
MAKASMUS, SCROFULA & TABES MESENTERICA	24	23		12	8		2			22				1	1									12	12
PHTHISIS PULMONALIS	104	131		1			2			3		5	7	35	33	12	4	5						46	58
OTHER CONSTITUTIONAL DISEASES	23	21		1						1					6	7	2	4	2	1				11	12

of January, Classified by Cause, Age and Sex.

CAUSES OF DEATH.	Total Mortality for January, 1898.	Total Mortality for January, 1897.	AGE.																			SEX.			
			Under 3 months. 3 months and under 6 months. 6 months and under 1 year. 1 year and under 2 years. 2 years and under 3 years. 3 years and under 4 years. 4 years and under 5 years. Total under 5 years. 5 years and under 10 years. 10 years and under 15 years. 15 years and under 20 years. 20 years and under 30 years. 30 years and under 40 years. 40 years and under 50 years. 50 years and under 60 years. 60 years and under 70 years. 70 years and under 80 years. 80 years and under 90 years. 90 years and under 100 years. 100 years and over.	Males.	Females.																				
III. LOCAL.																									
APOPLEXY	39	46													1	3	13	11	5	6				17	22
BRIGHT'S DISEASE	9	13	1							1					1	3	1			3				5	4
BRONCHITIS	44	40	15	3	6	1				25					1		1	4	4	8	1			19	25
HEART DISEASE	102	107	3	1		2	1			7				2	5	9	13	17	24	22	3			45	57
MENINGITIS	28	20	1	3	6	6	3	1	2	22		1	1	1	1	1				1				21	7
NEPHRITIS	24	15									1	1	1			3	5	5	4	4				12	12
PLEURISY		2																							
PNEUMONIA	121	140	7	9	8	12	4	3		43	3	1	2	11	14	9	13	15	6	4				67	54
OTHER LOCAL DISEASES	125	147	11	5	3	1	3	1		24	2	1	6	6	12	18	20	22	13	1				62	63
IV. DEVELOPMENTAL.																									
CYANOSIS																									
INANITION	19	7	18							18							1							6	13
OLD AGE	23	18															1	2	6	8	6			8	15
PREMATURE BIRTH	26	15	26							26														15	11
PUERP'L DISEASES (not includ'g Puerp'l Fever),	5	5											1	1	2	1								5	
OTHER DEVELOPMENTAL DISEASES	14	16	13			1				14														8	6
V. VIOLENT.																									
ACCIDENTAL	32	34	2	2						4	2	1	1	7	4	7	3	2		1				22	10
HOMICIDAL	3		1							1						2								3	
SUICIDAL	4	4												2	2									3	1
OTHER VIOLENT CAUSES	4	6													1		1	1	1					2	2
UNKNOWN CAUSES	7	6	3	1		1				5					1		1							3	4
TOTAL FROM ALL CAUSES	901	994	118	37	28	38	18	9	9	257	12	11	23	90	103	85	99	107	80	27	7			447	454
TOTAL FROM ZYMOTIC DISEASES	72	133																							
INCLUDING TUBERCULAR DISEASES	228	304	2	4	4	7	7	4	7	35	4	1	2	10	3	6	3	4	3	1				38	34
TOTAL FROM CONSTITUTIONAL DISEASES	200	220	15	9	1	7				32			5	7	45	47	18	18	17	8	2	1		91	109
" " LOCAL "	492	530	38	21	23	22	11	5	2	122	6	4	12	25	43	51	72	80	62	15				248	244
" " DEVELOPMENTAL "	87	61	57			1				58			1	1	2	1	2	2	6	8	6			37	50
" " VIOLENT CAUSES	43	44	3	2						5	2	1	1	9	7	9	4	3	1	1				30	13

Comparative Statement of Cases of Contagious Disease reported to the Board of Health for the month of January, 1898, and for the corresponding month in 1897.

CASES REPORTED DURING JANUARY, 1898.			CASES REPORTED DURING JANUARY, 1897.		
	City.	Quarantine.		City.	Quarantine.
Diphtheria	192	....	Diphtheria	481	....
Measles	80	....	Measles	561	....
Small Pox . . . . .	....	....	Small Pox . . . . .	....	....
Scarlatina	103	....	Scarlatina	185	....
Typhoid Fever	27	....	Typhoid Fever	57	....
Typhus Fever . . . . .	....	....	Typhus Fever . . . . .	....	....
Yellow Fever . . . . .	....	....	Yellow Fever . . . . .	....	....

METEOROLOGICAL OBSERVATIONS TAKEN AT THE WEATHER BUREAU, BOSTON.

For the month of January, 1898, as reported by J. W. SMITH, L. F. O., Weather Bureau.

DATE.	DAILY MEAN BAROMETER.	DAILY MEAN TEMPERATURE.	DAILY MEAN HUMIDITY.	PREVAILING DIRECTION OF WIND.	DAILY RAINFALL.	GENERAL ITEMS.
1	29.44	29	84	W.	.13	Mean Barometer, 29.98 Highest Barometer, 30.57, on the 19th.
2	29.96	16	45	N.W.	.00	Lowest Barometer, 29.24, on the 1st.
3	29.91	20	46	W.	.00	Monthly Range of Barometer, 1.33.
4	30.30	15	56	N.W.	*T	Mean Temperature, 29.
5	30.08	28	74	W.	.05	Highest Temperature, 55, on the 13th.
6	29.98	38	74	S.	.00	Lowest Temperature, 1, on the 30th.
7	29.72	38	88	N.W.	.19	Monthly Range of Temperature, 54.
8	29.68	40	73	S.W.	.00	Greatest Daily Range of Temperature, 30, on the 1st.
9	30.02	36	57	W.	.00	Least Daily Range of Temperature, 5, on the 22d.
10	30.22	36	59	S.W.	.00	Mean Daily Range of Temperature, 14.
11	30.20	34	76	N.	.00	Mean Daily Dew-point, 20.
12	29.81	44	92	S.	.02	Mean Daily Relative Humidity, 72.
13	29.74	42	72	N.W.	*T	Prevailing Direction of Wind, N.W.
14	30.26	32	72	N.	*T	Total Movement of Wind, 8,466.
15	29.92	34	81	S.E.	.29	Highest Velocity of Wind and Direction, 39 N.E., on the 31st.
16	29.89	30	70	N.W.	.02	Number of Foggy Days, 1.
17	30.28	18	72	N.W.	.00	Number of Clear Days, 13.
18	30.52	26	79	S.W.	.00	Number of Cloudy Days, 13.
19	30.52	31	73	N.W.	.00	Total Number of Days on which Rain or Snow fell, 10.
20	29.89	37	98	E.	.86	Depth of unmelted Snow on ground at end of month, .8 inch.
21	30.00	40	82	W.	.00	Dates of Auroras, none.
22	30.32	34	85	N.	.00	Dates of Lunar Halos, 7, 8, 9, 10, 28, 30.
23	29.74	38	93	E.	.93	Dates of Solar Halos, 19.
24	29.90	30	72	N.W.	*T	Thunder Storm, none.
25	30.08	26	56	N.W.	*T	Mean Max. Temp., 36.
26	29.42	28	92	N.	.56	Dates of Frosts, —
27	29.78	23	64	N.W.	.00	Mean Min. Temp., 22.
28	29.98	12	39	N.W.	.00	MEAN TEMPERATURE for this month in
29	29.93	10	68	N.W.	*T	Total Precipitation for this Month in Inches.
30	30.26	6	50	N.W.	.00	1871 26
31	29.80	18	91	N.E.	.45	1872 27
TOTALS	—	—	—	—	3.50	1873 26
MEANS	29.98	29	72	N.W.	.113	1874 31
						1875 20
						1876 30
						1877 23
						1878 28
						1879 24
						1880 35
						1881 22
						1882 26
						1883 25
						1884 24
						1885 27
						1886 26
						1887 26
						1888 20
						1889 36
						1890 32
						1891 31
						1892 28
						1893 21
						1894 30
						1895 29
						1896 25
						1897 28
						1898 29

* T indicates trace of precipitation. Average mean temperature for 28 years, 27. Average monthly precipitation for 28 years, 3.92.

HEALTH DEPARTMENT OF THE CITY OF BOSTON.

Statement of Deaths for the month of February, 1898,

With an enumeration of the more prominent causes; accompanied by an abstract of Meteorological Observations.

Published by order of the Board of Health.

SAMUEL H. DURGIN, M.D.,
Chairman.

Deaths during the month of February, 1898, 785
Population estimated at 528,912 Rate per 1,000 inhabitants, 17.81

Total number 785

SEX.

Males 397

Females 388

CONDITION.

Married 226

Single 402

Widows 107

Widowers 44

Unknown 6

COLOR.

White 764

Colored 21

Total deaths of children { Under 1 year 150
Under 2 years 194
Under 5 years 231

Diarrhœal diseases { Under 1 year 3
Under 2 years 4
Under 5 years 4
All ages 7

NATIVITY.

United States 505

Ireland 142

England 16

Scotland 11

Germany 13

British America 56

Italy 6

Russia 6

Other Countries 27

Unknown 3

PARENTAGE.

United States 199

Irish 247

English 14

Scotch 13

German 18

British American 47

Italian 20

Russian 17

Other Countries 61

Mixed 59

Unknown 90

Still-births during the month 48

Total Deaths with Principal Causes for the month

CAUSES OF DEATH.	Total Mortality for February, 1898.	Total Mortality for February, 1897.	AGE.																			SEX.			
			Under 3 months. 3 months and under 6 months. 6 months and under 1 year. 1 year and under 2 years. 2 years and under 3 years. 3 years and under 4 years. 4 years and under 6 years. Total under 6 years. 5 years and under 10 years. 10 years and under 15 years. 15 years and under 20 years. 20 years and under 30 years. 30 years and under 40 years. 40 years and under 50 years. 50 years and under 60 years. 60 years and under 70 years. 70 years and under 80 years. 80 years and under 90 years. 90 years and under 100 years. 100 years and over.	Males.	Females.																				
I. ZYMOTICS.																									
ALCOHOLISM	4	1														3	1							2	2
CROUP	3	10						1	1	2	1													1	
CARBUNCLE																									
CHOLERA MORBUS																									
CHOLERA INFANTUM	3		1	1		1				3														3	
CEREBRO-SPINAL MENINGITIS	9	2			2	1			3	1			1	4										7	2
CONGESTIVE FEVER																									
DIARRHŒA	3	1	1							1									1	1				2	1
DYSENTERY	1																			1					1
DIPHTHERIA	12	41				3	4	1	2	10	1		1											9	3
ERYSIPELAS	4	3	1	1						2								1	1					2	2
INTERMITTENT FEVER																									
INFLUENZA	1	12																1							1
MEASLES	1	3				1				1														1	
PURPURA		1																							
PURPERAL FEVER	1	2													1										1
PTÆMIA	1																		1						1
REMITTENT FEVER																									
RHEUMATISM	1											1													1
SCARLATINA	6	16				3		1	4	1		1												3	3
SMALL POX																									
SYPHILIS (CONGENITAL)		3																							
SYPHILIS	1	1													1										1
SEPTICÆMIA	5	7			1					1			1		1		2							1	4
TONSILLITIS																									
TYPHOID FEVER	5	7									1			2	1		1							3	2
TYPHUS FEVER																									
WHOOPING COUGH	4	2				4				4															4
YELLOW FEVER																									
OTHER ZYMOTIC DISEASES																									
II. CONSTITUTIONAL.																									
CANCER	32	33														1	5	10	5	9	2			11	21
HYDROCEPHALUS AND TUBERC. MENINGITIS.	7	17		1	2	2	1			6				1										4	3
MARASMUS, SCROFULA & TABES MESENTERICA	22	25	10	3	5	2	1			21								1						9	13
PHTHISIS PULMONALIS	80	120				2		1	1	4			9	26	21	8	7	2	3					39	41
OTHER CONSTITUTIONAL DISEASES	15	20		1	2					3	1	1		6	1	2		1						10	5

of February, Classified by Cause, Age and Sex.

CAUSES OF DEATH.	AGE.																				SEX.			
	Total Mortality for February, 1898.	Total Mortality for February, 1897.	Under 3 months.	3 months and under 6 months.	6 months and under 1 year.	1 year and under 2 years.	2 years and under 3 years.	3 years and under 4 years.	4 years and under 5 years.	Total under 5 years.	5 years and under 10 years.	10 years and under 15 years.	15 years and under 20 years.	20 years and under 30 years.	30 years and under 40 years.	40 years and under 50 years.	50 years and under 60 years.	60 years and under 70 years.	70 years and under 80 years.	80 years and under 90 years.	90 years and under 100 years.	100 years and over.	Males.	Females.
III. LOCAL.																								
APOPLEXY	32	33	1							1	2				1	3	9	8	6	2			19	13
BRIGHT'S DISEASE	8	4					1			1						2	2	2		1			2	6
BRONCHITIS	42	43	9	6	4	6	1			26					2		5	5	2	2			19	23
HEART DISEASE	76	82	1	1						2	1	2	1	2	6	8	9	26	16	3			33	38
MENINGITIS	18	20		1	3	6	3	2		15				1	1					1			11	7
NEPHRITIS	27	19	1							1	1			4	3	2	9	4	2	1			11	16
PLEURISY	1																	1						1
PNEUMONIA	126	167	4	6	12	14	4	2	1	43	7	1	1	6	15	14	17	9	8	5			59	67
OTHER LOCAL DISEASES	124	137	12	3	7	3	1	1	1	28	1	1	1	14	12	11	13	21	13	9			61	63
IV. DEVELOPMENTAL.																								
CYANOSIS																								
INANITION	7	8	5		1					6								1					5	2
OLD AGE	19	19																2	5	8	4		11	8
PREMATURE BIRTH	27	13	27							27													20	7
PUERP'L DISEASES (not includ'g Puerp'l Fever),	5	2												2	1	2								5
OTHER DEVELOPMENTAL DISEASES	14	19	9		3					12									1		1		5	9
V. VIOLENT.																								
ACCIDENTAL	25	27	1	1			1			3		1		7	4	7	2			1			22	3
HOMICIDAL	1																1						1	
SUICIDAL	3	5											1	1		1							2	1
OTHER VIOLENT CAUSES	3	5												1	1	1							1	2
UNKNOWN CAUSES	6	7					1			1			1	2			1		1				3	3
TOTAL FROM ALL CAUSES	785	946	83	25	42	44	22	8	7	231	18	7	17	77	79	67	90	90	68	36	5		397	388
TOTAL FROM ZYMOTIC DISEASES	65	112																						
INCLUDING TUBERCULAR DISEASES	176	260	3	2	3	9	8	2	4	31	5	1	3	4	10	1	5	2	2	1			34	31
TOTAL FROM CONSTITUTIONAL DISEASES	156	215	10	5	9	6	2	1	1	34	1	1	9	33	23	15	17	9	12	2			73	83
" " LOCAL "	454	514	28	17	26	29	10	5	2	117	12	4	3	27	40	40	64	76	47	24			220	234
" " DEVELOPMENTAL "	72	61	41		4					45				2	1	2		3	6	8	5		41	31
" " VIOLENT CAUSES	32	37	1	1			1			3		1	1	9	5	9	3			1			26	6

Comparative Statement of Cases of Contagious Disease reported to the Board of Health for the month of February, 1898, and for the corresponding month in 1897.

CASES REPORTED DURING FEBRUARY, 1898.			CASES REPORTED DURING FEBRUARY, 1897.		
	City.	Quarantine.		City.	Quarantine.
Diphtheria	134	....	Diphtheria	368	....
Measles	82	....	Measles	580	....
Small Pox . . . . .	....	....	Small Pox . . . . .	....	....
Scarlatina	60	....	Scarlatina	154	....
Typhoid Fever	17	....	Typhoid Fever	35	....
Typhus Fever . . . . .	....	....	Typhus Fever . . . . .	....	....
Yellow Fever . . . . .	....	....	Yellow Fever . . . . .	....	....

METEOROLOGICAL OBSERVATIONS TAKEN AT THE WEATHER BUREAU, BOSTON.

For the month of February, 1898, as reported by J. W. SMITH, L. F. O., Weather Bureau.

DATE.	DAILY MEAN BAROMETER.	DAILY MEAN TEMPERATURE.	DAILY MEAN HUMIDITY.	PREVAILING DIRECTION OF WIND.	DAILY RAINFALL.	GENERAL ITEMS.
1	29.33	21	85	N.W.	.93	Mean Barometer, 30.06 Highest Barometer, 30.63, on the 4th.
2	30.02	12	62	W.	.00	Lowest Barometer, 28.89, on the 16th.
3	30.34	13	58	W.	.00	Monthly Range of Barometer, 1.74.
4	30.62	17	56	S.	.00	Mean Temperature, 33.
5	30.28	31	81	S.	*T	Highest Temperature, 59, on the 10th.
6	30.26	36	82	N.	.18	Lowest Temperature, 5, on the 2d.
7	30.35	33	70	N.W.	.00	Monthly Range of Temperature, 54.
8	30.38	36	76	S.W.	.00	Greatest Daily Range of Temperature, 33, on the 16th.
9	30.36	37	86	S.W.	.00	Least Daily Range of Temperature, 2, on the 20th.
10	30.24	48	72	S.W.	.00	Mean Daily Range of Temperature, 14.
11	30.44	40	82	S.	.00	Mean Daily Dew-point, 25.
12	30.04	44	86	S.	.14	Mean Daily Relative Humidity, 76.
13	30.13	41	62	N.W.	.00	Prevailing Direction of Wind, W.
14	29.96	35	75	S.	*T	Total Movement of Wind, 7,733.
15	29.64	35	79	W.	.02	Highest Velocity of Wind and Direction, 50 N.E., on the 1st.
16	29.13	28	80	N.W.	.13	Number of Foggy Days, 0.
17	30.02	22	49	N.W.	.00	Number of Fair Days, 5.
18	30.24	28	65	E.	.01	Number of Clear Days, 9.
19	30.36	36	77	N.E.	*T	Total Number of Days on which Rain or Snow fell, 10.
20	30.27	33	83	N.E.	.57	Depth of unmelted Snow on ground at end of month, 0 inch.
21	29.90	36	100	N.E.	2.45	Dates of Auroras, —.
22	29.82	37	96	N.W.	.19	Dates of Lunar Halos, 2.
23	29.86	38	88	W.	.17	Thunder Storm, 15.
24	29.98	40	70	S.W.	.00	Mean Max. Temp., 40.
25	29.95	42	76	S.	.00	Dates of Frosts, —.
26	29.95	33	72	W.	.00	Mean Min. Temp., 26.
27	29.94	34	76	N.W.	.00	MEAN TEMPERATURE for this month in
28	29.88	34	74	N.W.	.00	Total Precipitation for this Month in Inches.
29						1871 29
30						1872 28
31						1873 27
						1874 28
						1875 22
						1876 27
						1877 32
						1878 29
						1879 24
						1880 32
						1881 28
						1882 30
						1883 29
						1884 31
						1885 20
						1886 27
						1887 29
						1888 28
						1889 26
						1890 33
						1891 32
						1892 28
						1893 27
						1894 27
						1895 25
						1896 29
						1897 31
						1898 33
TOTALS.....	—	—	—	—	4.81	
MEANS.....	30.06	33	76	W.	.171	

*T Indicates trace of precipitation. Average mean temperature for 28 years, 28. Average monthly precipitation for 28 years, 4.81.

HEALTH DEPARTMENT OF THE CITY OF BOSTON.

Statement of Deaths for the month of March, 1898,

With an enumeration of the more prominent causes; accompanied by an abstract of Meteorological Observations.

Published by order of the Board of Health.

SAMUEL H. DURGIN, M.D.,
Chairman.

Deaths during the month of March, 1898, 913
Population estimated at 528,912. Rate per 1,000 inhabitants, 20.71

Total number	913	NATIVITY.	
SEX.		United States	563
Males	463	Ireland	199
Females	450	England	16
CONDITION.		Scotland	10
Married	271	Germany	15
Single	468	British America	62
Widows	120	Italy	13
Widowers	45	Russia	8
Unknown	9	Other Countries	18
COLOR.		Unknown	9
White	896	PARENTAGE.	
Colored	17	United States	209
Total deaths of children {		Irish	317
		English	15
		Scotch	15
Under 1 year		German	19
		British American	51
		Italian	40
Under 2 years		Russian	15
		Other Countries	71
		Mixed	69
Under 5 years		Unknown	92
		Still-births during the month	
Diarrhœal diseases {		Under 1 year	0
		Under 2 years	0
		Under 5 years	0
		All ages	2

Total Deaths with Principal Causes for the month

CAUSES OF DEATH.	Total Mortality for March, 1888.	Total Mortality for March, 1897.	AGE.																			SEX.			
			Under 3 months.	3 months and under 6 months.	6 months and under 1 year.	1 year and under 2 years.	2 years and under 3 years.	3 years and under 4 years.	4 years and under 5 years.	Total under 5 years.	5 years and under 10 years.	10 years and under 15 years.	15 years and under 20 years.	20 years and under 30 years.	30 years and under 40 years.	40 years and under 50 years.	50 years and under 60 years.	60 years and under 70 years.	70 years and under 80 years.	80 years and under 90 years.	90 years and under 100 years.	100 years and over.	Males.	Females.	
I. ZYMOTICS.																									
ALCOHOLISM	6												1	2	2	1								6	
CROUP	1	6			1				1																
CARCUNCLE	1													1									1		
CHOLERA MORBUS																									
CHOLERA INFANTUM		2																							
CEREBRO-SPINAL MENINGITIS	12	8	1		1	2		1	5	1	2	1	1	1	1								9	3	
CONGESTIVE FEVER																									
DIARRHŒA	1	3															1						1		
DYSENTERY	1	2																1						1	
DIPHTHERIA	12	41				3	2	1	1	7	4		1										5	7	
ERYSIPELAS	4	7	1							1							2	1					2	2	
INTERMITTENT FEVER																									
INFLUENZA	1	12													1									1	
MEASLES	4	4			2	1	1		4														3	1	
PURPURA	2	3									1			1									1	1	
PURPERAL FEVER		1																							
PTÆMIA		1																							
REMITTENT FEVER																									
RHEUMATISM	6	3									1	1				2		2					3	3	
SCARLATINA		16																							
SMALL POX																									
SYPHILIS (CONGENITAL)	1		1							1														1	
SYPHILIS	2	1												1	1									2	
SEPTICÆMIA	3	4			1				1					1				1					2	1	
TONSILLITIS		1																							
TYPHOID FEVER	9	9												6		1	1	1					5	4	
TYPHUS FEVER																									
WHOOPING COUGH	6	4		1	3	1			5	1													1	5	
YELLOW FEVER																									
OTHER ZYMOTIC DISEASES		1																							
II. CONSTITUTIONAL.																									
CANCER	28	36													3	8	6	7	2	2			7	21	
HYDROCEPHALUS AND TUBERC. MENINGITIS.	21	19	1	4	3	5	2	3	18	1				1		1							12	9	
MARASMUS, SCHRÖFULA & TABES MESENTERICA	23	20	9	5	3	2			10	1	1					1				1			11	12	
PHTHISIS PULMONALIS	123	142			2	1			3	1	2	12	35	31	13	9	9	1	2				65	58	
OTHER CONSTITUTIONAL DISEASES	26	41		1					1	1		1	5	6	5	5	2						13	13	

of March, Classified by Cause, Age and Sex.

CAUSES OF DEATH.	Total Mortality for March, 1898.	Total Mortality for March, 1897.	AGE.																				SEX.	
			Under 3 months. 3 months and under 6 months. 6 months and under 1 year. 1 year and under 2 years. 2 years and under 3 years. 3 years and under 4 years. 4 years and under 5 years. Total under 5 years. 5 years and under 10 years. 10 years and under 15 years. 15 years and under 20 years. 20 years and under 30 years. 30 years and under 40 years. 40 years and under 50 years. 50 years and under 60 years. 60 years and under 70 years. 70 years and under 80 years. 80 years and under 90 years. 90 years and under 100 years. 100 years and over.	Males.	Females.																			
III. LOCAL.																								
APOPLEXY	32	29	2							2					1	4	8	5	8	3	1		12	20
BRIGHT'S DISEASE	9	13											2	3	1	2	1						3	6
BRONCHITIS	34	50	2	3	7	1				13	1		1				3	4	5	7			20	14
HEART DISEASE	89	83		1	1				1	3	2		2	4	14	10	17	21	11	4	1		88	51
MENINGITIS	27	42	2	5	6	5	1	1	2	22	2	1			1	1							15	12
NEPHRITIS	26	34					1	1		2			1	2	5	5	3	7	1				15	11
PLEURISY																								
PNEUMONIA	138	190	8	8	23	17	1	2	1	60	1		2	4	18	14	15	12	4	8			78	60
OTHER LOCAL DISEASES	143	125	12	6	3	5	3			29	6	2	4	12	19	12	16	20	13	8	2		64	79
IV. DEVELOPMENTAL.																								
CYANOSIS	2		2							2													1	1
INANITION	9	8	8	1						9													6	3
OLD AGE	23	26															1	1	11	8	2		8	15
PREMATURE BIRTH	21	8	20	1						21													14	7
PUERP'L DISEASES (not includ'g Puerp'l Fever),	6	4												2	4									6
OTHER DEVELOPMENTAL DISEASES	15	31	11	2		1				14							1						10	5
V. VIOLENT.																								
ACCIDENTAL	30	35	2	1			1		1	5	2			11	3	4		3	2				23	7
HOMICIDAL	1	1														1							1	
SUICIDAL	8	6												3	1	2	1		1				4	4
OTHER VIOLENT CAUSES	2	6													1		1						1	1
UNKNOWN CAUSES	5	4	2		1	1				4						1							3	2
TOTAL FROM ALL CAUSES	913	1,082	84	39	56	47	12	8	6	252	26	9	27	93	114	97	91	96	59	43	6		463	450
TOTAL FROM ZYMOTIC DISEASES	72	129																						
INCLUDING TUBERCULAR DISEASES	258	358	3	1	7	8	3	2	1	25	8	3	2	11	6	8	4	5					89	33
TOTAL FROM CONSTITUTIONAL DISEASES	221	258	10	10	8	8	2	3		41	4	3	13	41	40	33	20	18	3	5			108	113
“ “ LOCAL “	498	566	26	23	40	29	6	3	4	131	12	3	12	25	59	48	63	69	42	30	4		245	253
“ “ DEVELOPMENTAL “	76	77	41	4		1				46				2	4		2	1	11	8	2		39	37
“ “ VIOLENT CAUSES	41	48	2	1			1		1	5	2			14	5	7	2	3	3				29	12

Comparative Statement of Cases of Contagious Disease reported to the Board of Health for the month of March, 1898, and for the corresponding Month in 1897.

CASES REPORTED DURING MARCH, 1898.			CASES REPORTED DURING MARCH, 1897.		
	City.	Quarantine.		City.	Quarantine.
Diphtheria	145	....	Diphtheria	338	....
Measles	104	....	Measles	865	....
Small Pox . . . . .	....	....	Small Pox . . . . .	....	....
Scarlatina	84	....	Scarlatina	224	2
Typhoid Fever	27	....	Typhoid Fever	24	....
Typhus Fever . . . . .	....	....	Typhus Fever . . . . .	....	....
Yellow Fever . . . . .	....	....	Yellow Fever . . . . .	....	....

METEOROLOGICAL OBSERVATIONS TAKEN AT THE WEATHER BUREAU, BOSTON.

For the month of March, 1898, as reported by J. W. SMITH, L. F. O., Weather Bureau.

DATE.	DAILY MEAN BAROMETER.	DAILY MEAN TEMPERATURE.	DAILY MEAN HUMIDITY.	PREVAILING DIRECTION OF WIND.	DAILY RAINFALL.	GENERAL ITEMS.
1	29.92	32	65	N.	.00	Mean Barometer, 30.23 Highest Barometer, 30.81, on the 26th.
2	30.10	36	54	W.	.00	Lowest Barometer, 29.59, on the 23d.
3	30.20	37	86	N.	.10	Monthly Range of Barometer, 1.22.
4	30.18	34	92	N.E.	.13	Mean Temperature, 43.
5	30.10	36	72	N.W.	.24	Highest Temperature, 66, on the 13th.
6	30.44	38	58	W.	.00	Lowest Temperature, 25, on the 1st.
7	30.48	40	60	S.W.	.00	Monthly Range of Temperature, 41.
8	30.42	42	62	S.W.	.00	Greatest Daily Range of Temperature, 26, on the 9th.
9	30.36	48	72	S.W.	.00	Least Daily Range of Temperature, 6, on the 30th.
10	30.40	50	74	S.W.	.00	Mean Daily Range of Temperature, 14.
11	30.33	54	76	S.W.	.00	Mean Daily Dew-point, 33.
12	30.12	52	84	S.W.	.06	Mean Daily Relative Humidity, 74.
13	29.89	58	80	S.W.	*T	Prevailing Direction of Wind, S.W.
14	30.07	48	58	W.	.00	Total Movement of Wind, 7,345.
15	30.33	37	58	E.	.00	Highest Velocity of Wind and Direction, 39 N., on the 9th.
16	30.41	37	74	S.	*T	Number of Foggy Days, 0.
17	29.93	49	82	W.	.02	Number of Fair Days, 6.
18	30.24	48	61	W.	.00	Number of Clear Days, 11.
19	29.90	46	80	S.	.38	Total Number of Days on which Rain or Snow fell, 11.
20	29.92	51	54	W.	.07	Depth of unmelted Snow on ground at end of month, 0 inch.
21	30.21	42	64	W.	.00	Dates of Auroras, none.
22	30.22	41	92	S.	*T	Dates of Lunar Halos, 7.
23	29.78	50	70	N.W.	.08	Dates of Solar Halos, 1, 7, 13.
24	30.22	36	63	E.	.00	Thunder Storm, none.
25	30.50	39	74	S.	.00	Mean Max. Temp., 50.
26	30.79	40	83	E.	.00	Dates of Frosts, —
27	30.61	40	92	E.	.00	Mean Min. Temp., 36.
28	30.54	39	72	E.	.00	MEAN TEMPERATURE for this month in
29	30.34	48	82	S.	.03	1871 42
30	30.12	45	94	E.	.30	1872 27
31	29.90	38	80	N.	.41	1873 35
TOTALS	—	—	—	—	1.82	1874 35
MEANS	30.23	43	74	S.W.	.059	1875 31
						1876 33
						1877 34
						1878 30
						1879 33
						1880 33
						1881 36
						1882 33
						1883 31
						1884 34
						1885 28
						1886 34
						1887 32
						1888 32
						1889 38
						1890 35
						1891 34
						1892 33
						1893 34
						1894 42
						1895 35
						1896 32
						1897 37
						1898 43
						Total Precipitation for this Month in Inches.
						1871 4.55
						1872 4.05
						1873 3.76
						1874 1.60
						1875 5.04
						1876 7.19
						1877 9.79
						1878 5.91
						1879 3.90
						1880 3.25
						1881 9.86
						1882 3.35
						1883 2.33
						1884 4.86
						1885 1.15
						1886 3.20
						1887 3.86
						1888 3.32
						1889 1.19
						1890 5.88
						1891 3.94
						1892 3.91
						1893 2.80
						1894 1.01
						1895 2.72
						1896 5.41
						1897 2.79
						1898 1.82

* T indicates trace of precipitation. Average mean temperature for 28 years, 35. Average monthly precipitation for 28 years, 4.02.

HEALTH DEPARTMENT OF THE CITY OF BOSTON.

Statement of Deaths for the month of April, 1898,

With an enumeration of the more prominent causes; accompanied by an abstract of Meteorological Observations.

Published by order of the Board of Health.

SAMUEL H. DURGIN, M.D.,

Chairman.

Deaths during the month of April, 1898, 930
Population estimated at 528,912. Rate per 1,000 inhabitants, 21.09

Total number 930

SEX.

Males 492

Females 438

CONDITION.

Married 311

Single 472

Widows 91

Widowers 48

Unknown 8

COLOR.

White 896

Colored 34

Total deaths of children { Under 1 year 164
Under 2 years 215
Under 5 years 253

Diarrhœal diseases { Under 1 year 0
Under 2 years 1
Under 5 years 1
All ages 2

NATIVITY.

United States 573

Ireland 198

England 21

Scotland 6

Germany 16

British America 51

Italy 18

Russia 16

Other Countries 19

Unknown 12

PARENTAGE.

United States 200

Irish 331

English 14

Scotch 11

German 19

British American 46

Italian 53

Russian 23

Other Countries 72

Mixed 59

Unknown 102

Still-births during the month 61

Total Deaths with Principal Causes for the month

CAUSES OF DEATH.	Total Mortality for April, 1898.	Total Mortality for April, 1897.	AGE.																			SEX.				
			Under 3 months.	3 months and 6 months.	6 months and under 1 year.	1 year and under 2 years.	2 years and under 3 years.	3 years and under 4 years.	4 years and under 5 years.	Total under 5 years.	5 years and under 10 years.	10 years and under 15 years.	15 years and under 20 years.	20 years and under 30 years.	30 years and under 40 years.	40 years and under 50 years.	50 years and under 60 years.	60 years and under 70 years.	70 years and under 80 years.	80 years and under 90 years.	90 years and under 100 years.	100 years and over.	Males.	Females.		
I. ZYMOTICS.																										
ALCOHOLISM	10	4												2	5	3									9	1
CROUP		2																								
CARBUNCLE	1																			1					1	
CHOLERA MORBUS																										
CHOLERA INFANTUM	1	1					1				1															1
CEREBRO-SPINAL MENINGITIS	17	47			1	2		2		5	1			6	4	1									12	5
CONGESTIVE FEVER																										
DIARRHŒA	1	3																	1							1
DYSENTERY																										
DIPHTHERIA	20	47	1		3	6	3	1	1	15	4	1													6	14
ERYSIPELAS	2	3													1	1									1	1
INTERMITTENT FEVER																										
INFLUENZA	8	3												1	1		1	1	4						4	4
MEASLES	2	3			1	1				2															2	
PURPURA	1	1			1					1																1
PURPERAL FEVER		4																								
PTŒMIA	1	1													1										1	
REMITTENT FEVER																										
RHEUMATISM	1	4															1									1
SCARLATINA	3	28					1			1	1	1													2	1
SMALL POX																										
SYPHILIS (CONGENITAL)	3	2	3							3															1	2
SYPHILIS		1																								
SEPTICŒMIA	3	1												3											1	2
TONSILLITIS		1																								
TYPHOID FEVER	8	11					1	1	2				3	1		1	1								4	4
TYPHUS FEVER																										
WHOOPING COUGH	8	2		3	5				8																5	3
YELLOW FEVER																										
OTHER ZYMOTIC DISEASES		2																								
II. CONSTITUTIONAL.																										
CANCER	37	36												1	3	7	13	5	6	1	1				8	29
HYDROCEPHALUS AND TUBERC. MENINGITIS.	19	16	1	3	3	2	4	1	14	3	1		1												11	8
MARASMUS, SCROFULA & TABES MESENTERICA	32	25	18	4	5	1			28					1					1	2					17	15
PHTHISIS PULMONALIS	119	118			2	1			3	1	1	9	39	28	25	10	3								69	50
OTHER CONSTITUTIONAL DISEASES	18	39			1	2	1		4	1	1	1	5	3	2			1							8	10

of April, Classified by Cause, Age and Sex.

CAUSES OF DEATH.	Total Mortality for April, 1898.	Total Mortality for April, 1897.	AGE.																				SEX.	
			Under 3 months.	3 months and under 6 months.	6 months and under 1 year.	1 year and under 2 years.	2 years and under 3 years.	3 years and under 4 years.	4 years and under 5 years.	Total under 5 years.	5 years and under 10 years.	10 years and under 15 years.	15 years and under 20 years.	20 years and under 30 years.	30 years and under 40 years.	40 years and under 50 years.	50 years and under 60 years.	60 years and under 70 years.	70 years and under 80 years.	80 years and under 90 years.	90 years and under 100 years.	100 years and over.	Males.	F. males.
III. LOCAL.																								
APOPLEXY	31	30													2	5	7	9	4	3	1		16	15
BRIGHT'S DISEASE	21	15												1	1	4	6	4	4	1		12	9	
BRONCHITIS	33	39	5	3	2	5	2			17					1	1	2	3	6	2	1	13	20	
HEART DISEASE	89	81	1							1	3	1	1	7	6	11	18	23	14	4		46	43	
MENINGITIS	32	63	1	3	7	10	2	1		24		2	1	2	1	1	1					20	12	
NEPHRITIS	19	27			2					2				4	5	2	2	3	1			12	7	
PLEURISY	2																	1	1			2		
PNEUMONIA	111	153	7	3	11	13	3	4	1	42			2	7	13	6	12	17	8	4		60	51	
OTHER LOCAL DISEASES	148	149	10	3	5	6	2	1	1	28	2	6	5	11	20	17	16	16	19	8		72	76	
IV. DEVELOPMENTAL.																								
CYANOSIS	5	1	5							5												2	3	
INANITION	6	12	5	1						6												3	3	
OLD AGE	15	16																1	3	10	1	5	10	
PREMATURE BIRTH	16	8	16							16												10	6	
PUERP'L DISEASES (not includ'g Puerp'l Fever),	5	1												3	2								5	
OTHER DEVELOPMENTAL DISEASES	15	24	11		1		1			13								1		1		8	7	
V. VIOLENT.																								
ACCIDENTAL	52	32	3	1		2		2	1	9		1	4	12	8	10	2	3	1	2		38	14	
HOMICIDAL	1														1							1		
SUICIDAL	9	8												1	5	3						7	2	
OTHER VIOLENT CAUSES	2	3													1	1							2	
UNKNOWN CAUSES	3	6	3							3												3		
TOTAL FROM ALL CAUSES	930	1,073	90	24	50	51	21	13	4	253	16	15	23	109	114	100	92	91	74	38	5	492	438	
TOTAL FROM ZYMOTIC DISEASES	91	171																						
INCLUDING TUBERCULAR DISEASES	277	331	4	3	11	9	6	4	1	38	6	2		15	13	5	3	2	5	1		49	41	
TOTAL FROM CONSTITUTIONAL DISEASES	225	234	19	7	11	6	5	1		49	5	3	10	46	35	34	23	8	8	3	1	113	112	
“ “ LOCAL “	486	557	24	12	27	34	9	6	2	114	5	9	9	32	49	47	64	76	57	22	2	253	233	
“ “ DEVELOPMENTAL “	62	62	37	1	1		1			40				3	2			2	3	10	2	28	34	
“ “ VIOLENT CAUSES	64	43	3	1		2		2	1	9		1	4	13	15	14	2	3	1	2		46	18	

Comparative Statement of Cases of Contagious Disease reported to the Board of Health for the month of April, 1898, and for the corresponding Month in 1897.

CASES REPORTED DURING APRIL, 1898.			CASES REPORTED DURING APRIL, 1897.		
	City.	Quarantine.		City.	Quarantine.
Diphtheria	148	....	Diphtheria	366	....
Measles	185	....	Measles	394	....
Small Pox . . . . .	....	....	Small Pox . . . . .	....	....
Scarlatina	80	....	Scarlatina	281	1
Typhoid Fever	25	....	Typhoid Fever	34	....
Typhus Fever . . . . .	....	....	Typhus Fever . . . . .	....	....
Yellow Fever . . . . .	....	....	Yellow Fever . . . . .	....	....

METEOROLOGICAL OBSERVATIONS TAKEN AT THE WEATHER BUREAU, BOSTON.

For the month of April, 1898, as reported by J. W. SMITH, L. F. O., Weather Bureau.

DATE.	DAILY MEAN BAROMETER.	DAILY MEAN TEMPERATURE.	DAILY MEAN HUMIDITY.	PREVAILING DIRECTION OF WIND.	DAILY RAINFALL.	GENERAL ITEMS.
1	29.98	43	45	N.W.	.00	Mean Barometer, 29.94
2	29.92	37	70	W.	.00	Highest Barometer, 30.38, on the 27th.
3	29.97	30	58	N.W.	.09	Lowest Barometer, 29.54 on the 15th.
4	30.11	34	64	S.W.	.00	Monthly Range of Barometer, .84.
5	29.97	33	94	N.	.26	Mean Temperature, 44.
6	29.00	34	58	N.W.	.08	Highest Temperature, 72, on the 17th.
7	29.89	38	64	N.W.	.00	Lowest Temperature, 23, on the 4th.
8	30.00	46	48	N.W.	.00	Monthly Range of Temperature, 49.
9	30.19	50	44	W.	.00	Greatest Daily Range of Temperature, 24, on the 17th.
10	30.12	44	72	E.	.02	Least Daily Range of Temperature, 4, on the 15th.
11	30.18	48	85	E.	.11	Mean Daily Range of Temperature, 8.
12	30.06	48	73	N.	.00	Mean Daily Dew-point, 33.
13	29.80	52	44	N.E.	.00	Mean Daily Relative Humidity, 72.
14	29.65	43	91	N.E.	*T	Prevailing Direction of Wind, N.E.
15	29.56	40	98	N.E.	1.02	Total Movement of Wind, 9,262.
16	29.61	46	74	N.W.	.04	Highest Velocity of Wind and Direction, 42 N.E., on the 28th.
17	29.78	60	41	W.	.00	Number of Foggy Days, 0.
18	30.00	53	50	N.W.	.01	Number of Fair Days, 10.
19	30.20	41	69	N.W.	.07	Number of Clear Days, 7.
20	29.77	43	94	N.	.57	Total Number of Days on which Rain or Snow fell, 17.
21	29.77	48	66	W.	*T	Depth of unmelted Snow on ground at end of month, 0 inch.
22	30.04	52	48	N.	.00	Dates of Auroras, none.
23	29.94	51	93	E.	.14	Dates of Lunar Halos, none.
24	29.77	46	99	N.	1.94	Thunder Storm, none.
25	29.94	41	90	N.E.	.64	Mean Max. Temp., 50.
26	30.20	40	87	N.E.	.06	MEAN TEMPERATURE for this month in
27	30.32	38	74	N.E.	.00	1871 47
28	30.01	38	90	N.E.	.79	1872 45
29	29.70	40	98	N.E.	.46	1873 37
30	29.94	54	69	N.W.	*T	1874 37
31						1875 42
TOTALS	—	—	—	—	6.89	1876 43
MEANS	29.94	44	72	N.E.	.213	1877 44
						1878 47
						1879 42
						1880 46
						1881 43
						1882 42
						1883 44
						1884 43
						1885 46
						1886 48
						1887 44
						1888 42
						1889 48
						1890 46
						1891 48
						1892 48
						1893 44
						1894 47
						1895 46
						1896 47
						1897 49
						1898 44

*T indicates trace of precipitation. Average mean temperature for 28 years, 45. Average monthly precipitation for 28 years, 3.41.

HEALTH DEPARTMENT OF THE CITY OF BOSTON.

Statement of Deaths for the month of May, 1898.

With an enumeration of the more prominent causes; accompanied by an abstract of Meteorological Observations.

Published by order of the Board of Health.

SAMUEL H. DURGIN, M.D.,
Chairman.

Deaths during the month of May, 1898, 868
Population estimated at 528,912. Rate per 1,000 inhabitants, 19.69

Total number 868

SEX.

Males 450

Females 418

CONDITION.

Married 283

Single 426

Widows 109

Widowers 37

Unknown 13

COLOR.

White 840

Colored 28

Total deaths of children { Under 1 year 146
Under 2 years 178
Under 5 years 216

Diarrhœal diseases { Under 1 year 2
Under 2 years 3
Under 5 years 4
All ages 5

NATIVITY.

United States 533

Ireland 169

England 16

Scotland 8

Germany 17

British America 72

Italy 17

Russia 11

Other Countries 13

Unknown 12

PARENTAGE.

United States 197

Irish 285

English 12

Scotch 8

German 23

British American 55

Italian 33

Russian 16

Other Countries 69

Mixed 70

Unknown 100

Still-births during the month 56

Total Deaths with Principal Causes for the month

CAUSES OF DEATH.	Total Mortality for		AGE.																			SEX.			
	May, 1898.	May, 1897.	Under 3 months.	3 months and under 6 months.	6 months and under 1 year.	1 year and under 2 years.	2 years and under 3 years.	3 years and under 4 years.	4 years and under 5 years.	Total under 5 years.	5 years and under 10 years.	10 years and under 15 years.	15 years and under 20 years.	20 years and under 30 years.	30 years and under 40 years.	40 years and under 50 years.	50 years and under 60 years.	60 years and under 70 years.	70 years and under 80 years.	80 years and under 90 years.	90 years and under 100 years.	100 years and over.	Males.	Females.	
I. ZYMOTICS.																									
ALCOHOLISM	3	5																1	2					3	
CROUP	1	3				1				1															
CARBUNCLE	1																	1						1	
CHOLERA MORBUS																									
CHOLERA INFANTUM	3	1			1	1	1			3														1	2
CEREBRO-SPINAL MENINGITIS	13	50			3		2			5	1	2		1	1	2	1							9	4
CONGESTIVE FEVER																									
DIARRHŒA	1	2			1					1															1
DYSENTERY	1	2																	1						1
DIPHTHERIA	13	49			2	1	5	1		9	2	1					1							9	4
ERYSIPELAS	4	7															1	3						2	2
INTERMITTENT FEVER																									
INFLUENZA	5	4	1							1	1								1	1	1			4	1
MEASLES	4	3			1	2	1			4														2	2
PURPURA	1	3	1							1														1	
PUERPERAL FEVER	1	1													1										1
PTÆMIA	3										1	1		1											3
REMITTENT FEVER																									
RHEUMATISM	3										1								1	1				1	2
SCARLATINA	1	23						1		1															1
SMALL POX																									
SYPHILIS (CONGENITAL)	1	3	1							1														1	
SYPHILIS		1																							
SEPTICÆMIA	5	9									1			2		1		1						3	2
TONSILLITIS																									
TYPHOID FEVER	9	8									2	1		3		2		1						4	5
TYPHUS FEVER																									
WHOOPING COUGH	5	5	2		1	1				1	5													1	4
YELLOW FEVER																									
OTHER ZYMOTIC DISEASES	2	1	1							1						1								1	1
II. CONSTITUTIONAL.																									
CANCER	41	25													4	13	6	14	1					15	20
HYDROCEPHALUS AND TUBERO. MENINGITIS.	10	16	2	1	3	1		2	1	10														6	4
MAKASMUS, SOROFULA & TABES MESENTERICA	24	15	10	6	5	1				22									1	1				11	13
PHTHISIS PULMONALIS	115	102			4	1				2	7	2	1	8	12	20	11	7	4	3	1			67	48
OTHER CONSTITUTIONAL DISEASES	20	34	1							1	2	3			5	2	1	3	2	1	1			14	6

of May, Classified by Cause, Age and Sex.

CAUSES OF DEATH.	AGE.																						SEX.		
	Total Mortality for May, 1898.	Total Mortality for May, 1897.																				Males.	Females.		
			Under 3 months. 3 months and under 6 months. 6 months and under 1 year. 1 year and under 2 years. 2 years and under 3 years. 3 years and under 4 years. 4 years and under 5 years. Total under 5 years. 5 years and under 10 years. 10 years and under 15 years. 15 years and under 20 years. 20 years and under 30 years. 30 years and under 40 years. 40 years and under 50 years. 50 years and under 60 years. 60 years and under 70 years. 70 years and under 80 years. 80 years and under 90 years. 90 years and under 100 years. 100 years and over.																						
III. LOCAL.																									
APOPLEXY	48	38	1		1						2	1				2	2	3	14	11	11	2		15	33
BRIGHT'S DISEASE	9	18														1	1		2	4		1		4	
BRONCHITIS	20	27	3	3	5	2	2		1	16						2	1		2	3	3	2		13	16
HEART DISEASE	89	85	1					1	2	4		1		2	2	10	13	24	16	13	3	1		42	47
MENINGITIS	24	35	2	2	7	4	2				17			1	1	3			1	1				12	12
NEPHRITIS	24	18											1		1	3	6	3	5	5				15	9
PLEURISY	1	3															1							1	
PNEUMONIA	94	109	5	5	5	10	3	3	2	33		1		1	8	12	9	9	8	7	4	2		55	39
OTHER LOCAL DISEASES	137	142	12	3	4	7		1	1	28		6	3	2	9	22	16	17	16	13	4	1		63	74
IV. DEVELOPMENTAL.																									
CYANOSIS	3	2	3							3														2	1
INANITION	6	7	4	1						5								1						2	4
OLD AGE	19	28																		2	8	9		8	11
PREMATURE BIRTH	21	16	21							21														13	8
PUERP'L DISEASES (not Includ'g Puerp'l Fever),	6														2	3	1								6
OTHER DEVELOPMENTAL DISEASES	9	19	7		2					9														5	4
V. VIOLENT.																									
ACCIDENTAL	44	27	1					1	1	3		1	3	3	12	14	5	2				1		33	11
HOMICIDAL	1	1																1						1	
SUICIDAL	9	8													2	2	1	2	1	1				7	2
OTHER VIOLENT CAUSES	3	2														2	1							1	2
UNKNOWN CAUSES	2	7			1					1									1					2	
TOTAL FROM ALL CAUSES	888	964	79	21	46	32	16	10	12	216		24	13	17	97	112	87	93	98	75	29	5		450	418
TOTAL FROM ZYMOTIC DISEASES	80	180																							
INCLUDING TUBERCULAR DISEASES	244	276	6		9	6	9	2	1	33		9	5		8	2	6	2	10	4	1			43	37
TOTAL FROM CONSTITUTIONAL DISEASES	210	192	13	7	12	3		2	4	41		5	1	8	47	35	25	16	20	9	3			113	97
" " LOCAL "	455	475	24	13	22	23	7	5	6	100		9	4	6	26	54	48	71	64	53	16	4		220	235
" " DEVELOPMENTAL "	64	72	35	1	2					38					2	3	1	1	2	8	9			30	34
" " VIOLENT CAUSES	57	88	1					1	1	3		1	3	3	14	18	7	5	1	1		1		42	15

Comparative Statement of Cases of Contagious Disease reported to the Board of Health for the month of May, 1898, and for the corresponding month in 1897.

CASES REPORTED DURING MAY, 1898.			CASES REPORTED DURING MAY, 1897.		
	City.	Quarantine.		City.	Quarantine.
Diphtheria	102	....	Diphtheria	340	....
Measles	310	....	Measles	781	....
Small Pox . . . . .	....	....	Small Pox	10	....
Scarlatina	62	....	Scarlatina	332	....
Typhoid Fever	27	....	Typhoid Fever	21	....
Typhus Fever . . . . .	....	....	Typhus Fever . . . . .	....	....
Yellow Fever . . . . .	....	....	Yellow Fever . . . . .	....	....

METEOROLOGICAL OBSERVATIONS TAKEN AT THE WEATHER BUREAU, BOSTON.

For the month of May, as reported by J. W. SMITH, L. F. O., Weather Bureau.

DATE.	DAILY MEAN BAROMETER.	DAILY MEAN TEMPERATURE.	DAILY MEAN HUMIDITY.	PREVAILING DIRECTION OF WIND.	DAILY RAINFALL.	GENERAL ITEMS.
1	30.00	58	54	N.W.	.00	Mean Barometer, 29.98. Highest Barometer, 30.37, on the 22nd.
2	30.08	50	78	E.	.00	Lowest Barometer, 29.66 on the 7th.
3	30.14	44	91	N.E.	*T	Monthly Range of Barometer, 0.71.
4	30.12	44	80	E.	.18	Mean Temperature, 56.
5	29.93	56	79	S.W.	.01	Highest Temperature, 84, on the 20th.
6	29.80	54	73	N.W.	.27	Lowest Temperature, 39, on the 10th.
7	29.70	46	62	S.E.	.00	Monthly Range of Temperature, 45.
8	29.80	46	62	N.E.	.00	Greatest Daily Range of Temperature, 26, on the 10th.
9	29.99	45	60	N.E.	.00	Least Daily Range of Temperature, 3, on the 26th.
10	30.08	52	60	N.W.	.00	Mean Daily Range of Temperature, 14.
11	30.08	56	68	S.	.00	Mean Daily Dew-point, 46.
12	30.00	62	82	S.W.	.00	Mean Daily Relative Humidity, 74.
13	29.96	62	68	S.W.	.00	Prevailing Direction of Wind, N.E.
14	30.02	58	68	N.	*T	Total Movement of Wind, 7,969.
15	30.12	54	82	E.	.14	Highest Velocity of Wind and Direction, 36 N.E., on the 8th.
16	29.99	50	96	N.E.	.29	Number of Foggy Days, 1.
17	29.87	58	62	N.W.	.07	Number of Clear Days, 6.
18	30.04	56	60	N.W.	.00	Total Number of Days on which Rain or Snow fell, 10.
19	29.90	68	58	S.W.	*T	Depth of unmelted Snow on ground at end of month, 0 inch.
20	29.90	72	68	W.	.06	Dates of Auroras, none.
21	30.32	58	56	E.	.00	Dates of Lunar Halos, 1, 2, 6.
22	30.17	59	58	E. and S.W.	.00	Dates of Solar Halos, 1, 9, 11, 15.
23	30.17	60	69	S.	.00	Thunder Storm, none.
24	29.98	59	89	S.	.15	Mean Max. Temp., 49.
25	29.98	51	96	E.	1.74	MEAN TEMPERATURE for this month in
26	30.02	48	96	N.E.	*T	1871 58
27	29.77	53	96	N.E.	1.42	1872 58
28	29.84	55	98	N.E.	*T	1873 58
29	29.85	60	96	E.	.00	1874 57
30	29.75	68	78	S.W.	.00	1875 58
31	29.92	64	76	N.E.	.00	1876 54
TOTALS	—	—	—	—	4.33	1877 55
MEANS	29.98	56	74	N.E.	.139	1878 56
						1879 60
						1880 63
						1881 55
						1882 49
						1883 56
						1884 54
						1885 52
						1886 56
						1887 59
						1888 52
						1889 60
						1890 57
						1891 56
						1892 56
						1893 56
						1894 58
						1895 60
						1896 60
						1897 58
						1898 59
						Total Precipitation for this Month in Inches.
						1871 4.54
						1872 3.29
						1873 5.16
						1874 3.70
						1875 3.76
						1876 2.70
						1877 3.38
						1878 1.02
						1879 0.97
						1880 1.67
						1881 4.16
						1882 6.05
						1883 5.11
						1884 3.31
						1885 4.26
						1886 3.08
						1887 1.67
						1888 5.20
						1889 4.15
						1890 4.48
						1891 1.56
						1892 5.15
						1893 5.23
						1894 4.12
						1895 2.71
						1896 1.68
						1897 4.00
						1898 4.33

*T indicates trace of precipitation.

Average mean temperature for 28 years, 57.

Average monthly precipitation for 28 years, 3.59.

HEALTH DEPARTMENT OF THE CITY OF BOSTON.

Statement of Deaths for the month of June, 1898.

With an enumeration of the more prominent causes; accompanied by an abstract of Meteorological Observations.

Published by order of the Board of Health.

SAMUEL H. DURGIN, M.D.,
Chairman.

Deaths during the month of June, 1898, 714
Population estimated at 528,912. Rate per 1,000 inhabitants, 16.20

Total number 714

SEX.

Males 397

Females 317

CONDITION.

Married 238

Single 380

Widows 54

Widowers 36

Unknown 6

COLOR.

White 698

Colored 16

Total deaths of children { Under 1 year 141
Under 2 years 167
Under 5 years 206

Diarrhœal diseases { Under 1 year 7
Under 2 years 8
Under 5 years 9
All ages 12

NATIVITY.

United States 477

Ireland 119

England 16

Scotland 4

Germany 15

British America 43

Italy 9

Russia 4

Other Countries 22

Unknown 5

PARENTAGE.

United States 169

Irish 249

English 15

Scotch 3

German 27

British American 40

Italian 23

Russian 12

Other Countries 60

Mixed 40

Unknown 67

Still-births during the month 45

Total Deaths with Principal Causes for the month

CAUSES OF DEATH.	Total Mortality for June, 1898.	Total Mortality for June, 1897.	AGE.																			SEX.				
			Under 3 months.	3 months and under 6 months.	6 months and under 1 year.	1 year and under 2 years.	2 years and under 3 years.	3 years and under 4 years.	4 years and under 5 years.	Total under 5 years.	5 years and under 10 years.	10 years and under 15 years.	15 years and under 20 years.	20 years and under 30 years.	30 years and under 40 years.	40 years and under 50 years.	50 years and under 60 years.	60 years and under 70 years.	70 years and under 80 years.	80 years and under 90 years.	90 years and under 100 years.	100 years and over.	Males.	Females.		
I. ZYMOTICS.																										
ALCOHOLISM	4	6												1	2		1							4		
CROUP	2	1		1			1			2													1	1		
CARCUNCLE		1																								
CHOLERA MORBUS																										
CHOLERA INFANTUM	6	7	2	1	1	1	1			6													4	2		
CEREBRO-SPINAL MENINGITIS	10	24		1	2				3	2	1	1		1	1		1						6	4		
CONGESTIVE FEVER																										
DIARRHŒA	5	11	3						3										1	1			2	3		
DYSENTERY	1																		1					1		
DIPHTHERIA	7	40			2	2		1	5	1		1											3	4		
ERYSIPELAS	4		3						3							1							2	2		
INTERMITTENT FEVER																										
INFLUENZA	1													1										1		
MEASLES	4	5			1			2	3	1													1	3		
PURPURA		1																								
PUERPERAL FEVER	2	1													1	1								2		
PTŒMIA	1		1						1															1		
REMITTENT FEVER																										
RHEUMATISM	2										1								1				1	1		
SCARLATINA		14																								
SMALL POX																										
SYPHILIS (CONGENITAL)	1	1		1					1														1			
SYPHILIS	2	1														2							1	1		
SEPTICŒMIA	6	7		1	1				2				2		1	1							2	4		
TONSILLITIS																										
TYPHOID FEVER	12	9				1			1				6	3	2								3	9		
TYPHUS FEVER																										
WHOOPING COUGH	11	5	3	3	1	2	1		10	1													8	5		
YELLOW FEVER																										
OTHER ZYMOTIC DISEASES	2	1		1					1										1				1	1		
II. CONSTITUTIONAL.																										
CANCER	36	34											1	5	8	13	7	2					9	27		
HYDROCEPHALUS AND TUBERO. MENINGITIS.	15	15	1	2		5	5	1	14						1								10	5		
MARASMUS, SCROFULA & TABES MESENTERICA	19	11	10	2	1	2			15	1		1				1		1					9	10		
PHTHISIS PULMONALIS	34	35		2			1		3	1	1	8	31	30	9	6	3	2					52	42		
OTHER CONSTITUTIONAL DISEASES	19	20			2				1	3		1	3	4	4	2	2						9	10		

of June, Classified by Cause, Age and Sex.

CAUSES OF DEATH.	Total Mortality for June, 1898.	Total Mortality for June, 1897.	AGE.																				SEX.	
			Under 3 months.	3 months and under 6 months.	6 months and under 1 year.	1 year and under 2 years.	2 years and under 3 years.	3 years and under 4 years.	4 years and under 5 years.	Total under 5 years.	5 years and under 10 years.	10 years and under 15 years.	15 years and under 20 years.	20 years and under 30 years.	30 years and under 40 years.	40 years and under 50 years.	50 years and under 60 years.	60 years and under 70 years.	70 years and under 80 years.	80 years and under 90 years.	90 years and under 100 years.	100 years and over.	Males.	Females.
III. LOCAL.																								
APOPLEXY	23	33	1							1				2	3	4	5	6	2				20	
BRIGHT'S DISEASE	6	11												2		2	1	1					2	4
BRONCHITIS	29	15	4	2	7	2	1	1		17		1			1	3	4	2	1				18	11
HEART DISEASE	62	61									2		9	7	6	6	14	14	4				29	33
MENINGITIS	25	33	3	3	5	3	2	1		17	4		2	2									17	8
NEPHRITIS	25	24					1			1			4	4	5	4	6	1					15	10
PLEURISY		1																						
PNEUMONIA	52	86	1	4	8	5	5	1	1	25	2	1	1	2	4	8	2	4	3				31	21
OTHER LOCAL DISEASES	98	96	9	3	5	1	2	1	1	22	4	1	5	8	13	7	11	13	11	3			56	42
IV. DEVELOPMENTAL.																								
CYANOSIS	2		2							2													2	
INANITION	12	7	6	4	1					11									1				5	7
OLD AGE	15	13														1	1	5	5	2	1		6	9
PREMATURE BIRTH	15	12	15							15													8	7
PUERP'L DISEASES (not includ'g Puerp'l Fever),	4	4											4											4
OTHER DEVELOPMENTAL DISEASES	20	18	10		1					11					3		2	1	2	1			9	11
V. VIOLENT.																								
ACCIDENTAL	48	27				1	3	1	2	7	4	3		14	5	6	4	2	3				42	6
HOMICIDAL																								
SUICIDAL	8	8											3		3	2							6	2
OTHER VIOLENT CAUSES	3	4											1	1					1				1	2
UNKNOWN CAUSES	1	4	1							1													1	
TOTAL FROM ALL CAUSES	714	765	75	31	35	26	25	6	8	206	21	11	21	93	87	69	63	56	20	3	1		397	317
TOTAL FROM ZYMOTIC DISEASES	83	133																						
INCLUDING TUBERCULAR DISEASES	234	290	12	9	5	7	5			3	41	5	2	2	10	7	8	2	1	4	1		40	43
TOTAL FROM CONSTITUTIONAL DISEASES	183	175	11	6	3	7	6	1	1	35	2	2	12	36	40	19	22	10	5				89	94
" " LOCAL "	320	360	18	12	25	11	11	4	2	83	10	4	7	25	34	30	32	47	38	10			188	132
" " DEVELOPMENTAL "	68	54	33	4	2					39				4		3	1	3	6	8	3	1	30	38
" " VIOLENT CAUSES	59	89				1	3	1	2	7	4	3		18	6	9	6	2	3	1			49	10

Comparative Statement of Cases of Contagious Disease reported to the Board of Health for the month of June, 1898, and for the corresponding month in 1897.

CASES REPORTED DURING JUNE, 1898.			CASES REPORTED DURING JUNE, 1897.		
	City.	Quarantine.		City.	Quarantine.
Diphtheria	75	....	Diphtheria	366	....
Measles	247	....	Measles	590	....
Smallpox . . . . .	....	....	Smallpox . . . . .	....	....
Scarlatina	36	2	Scarlatina	206	....
Typhoid Fever	36	....	Typhoid Fever	23	....
Typhus Fever . . . . .	....	....	Typhus Fever . . . . .	....	....
Yellow Fever . . . . .	....	....	Yellow Fever . . . . .	....	....

METEOROLOGICAL OBSERVATIONS TAKEN AT THE WEATHER BUREAU, BOSTON.

For the month of June, 1898, as reported by J. W. SMITH, L. F. O., Weather Bureau.

DATE.	DAILY MEAN BAROMETER.	DAILY MEAN TEMPERATURE.	DAILY MEAN HUMIDITY.	PREVAILING DIRECTION OF WIND.	DAILY RAINFALL.	GENERAL ITEMS.
1	30.00	60	82	N.E.	*T	Mean Barometer, 29.98. Highest Barometer, 30.35, on the 16th.
2	30.00	55	94	N.E.	.04	Lowest Barometer, 29.48 on the 25th.
3	30.08	56	96	N.E.	.23	Monthly Range of Barometer, 0.87.
4	30.26	52	90	N.E.	.31	Mean Temperature, 66. Highest Temperature, 62, on the 25th.
5	30.27	52	94	N.E.	.02	Lowest Temperature, 50, on the 4th and 5th.
6	30.18	55	88	E.	.00	Monthly Range of Temperature, 42.
7	30.15	69	83	E.	.00	Greatest Daily Range of Temperature, 28, on the 8th.
8	29.95	70	82	E.	.00	Least Daily Range of Temperature, 4, on the 2d.
9	29.82	76	68	N.W.	.01	Mean Daily Range of Temperature, 16. Mean Daily Dew-point, 57.
10	30.12	65	64	E.	.00	Mean Daily Relative Humidity, 76.
11	30.06	66	70	S.W.	*T	Prevailing Direction of Wind, S.W.
12	29.85	74	71	W.	.00	Total Movement of Wind, 7,772 miles.
13	29.96	61	96	E.	.00	Highest Velocity of Wind and Direction, 30 N.E., the 3rd, 30 S.W. on 25th.
14	29.80	68	74	E.	.17	Number of Foggy Days, 0.
15	30.12	64	60	N.W.	.00	Number of Clear Days, 10.
16	30.26	60	62	N.W.	.00	Number of Cloudy Days, 11.
17	30.10	67	58	W.	.00	Total Number of Days on which Rain or Snow fell, 10.
18	30.02	68	64	S.W.	.00	Depth of unmelted Snow on ground at end of month, .0 inch.
19	29.72	66	72	S.W.	.56	Dates of Auroras, none.
20	29.70	68	66	N.W.	.00	Dates of Solar Halos, 16
21	29.80	66	75	W.	.20	Dates of Lunar Halos, none.
22	30.02	61	72	E.	.00	Thunder Storm, none.
23	30.13	63	79	E.	*T	Mean Max. Temp., 24.
24	29.80	73	64	S.W.	.00	MEAN TEMPERATURE for this month in
25	29.50	80	64	S.W.	.00	Total Precipitation for this Month in Inches.
26	29.70	82	50	W.	.00	1871 66
27	30.04	72	59	E.	.00	1872 68
28	30.02	66	91	E.	.02	1873 68
29	29.76	70	94	E.	.04	1874 66
30	30.04	71	86	E.	.00	1875 67
						1876 68
						1877 67
						1878 64
						1879 64
						1880 67
						1881 61
						1882 66
						1883 69
						1884 66
						1885 66
						1886 63
						1887 64
						1888 67
						1889 68
						1890 64
						1891 65
						1892 70
						1893 65
						1894 69
						1895 67
						1896 66
						1897 62
						1898 66
TOTALS.....	—	—	—	—	1.60	
MEANS.....	29.98	66	76	S.W.	0.53	

*T Indicates trace of precipitation.

Average mean temperature for 28 years, 66.

Average monthly precipitation for 28 years, 3.05.

HEALTH DEPARTMENT OF THE CITY OF BOSTON.

Statement of Deaths for the month of July, 1898.

With an enumeration of the more prominent causes; accompanied by an abstract of Meteorological Observations.

Published by order of the Board of Health.

SAMUEL H. DURGIN, M.D.,

Chairman.

Deaths during the month of July, 1898, 871
Population estimated at 528,912. Rate per 1,000 inhabitants, 19.76

Total number 871

SEX.

Males 448

Females 423

CONDITION.

Married 250

Single 483

Widows 103

Widowers 29

Unknown 6

COLOR.

White 852

Colored 19

Total deaths . . .
 { Under 1 year 228
 { Under 2 years 275
 { Under 5 years 315

Diarrhoeal diseases
 { Under 1 year 66
 { Under 2 years 78
 { Under 5 years 79
 { All ages 86

NATIVITY.

United States 554

Ireland 164

England 19

Scotland 5

Germany 12

British America 58

Italy 11

Russia 8

Other Countries 21

Unknown 19

PARENTAGE.

United States 184

Irish 297

English 19

Scotch 9

German 15

British American 60

Italian 15

Russian 25

Other Countries 80

Mixed 72

Unknown 95

Still-births during the month 55

Total Deaths with Principal Causes for the month

CAUSES OF DEATH.	AGE.																				SEX.			
	Total Mortality for July, 1898.	Total Mortality for July, 1897.																			Males.	Females.		
			Under 3 months.	3 months and under 6 months.	6 months and under 1 year.	1 year and under 2 years.	2 years and under 3 years.	3 years and under 4 years.	4 years and under 5 years.	Total under 5 years.	5 years and under 10 years.	10 years and under 15 years.	15 years and under 20 years.	20 years and under 30 years.	30 years and under 40 years.	40 years and under 50 years.	50 years and under 60 years.	60 years and under 70 years.	70 years and under 80 years.	80 years and under 90 years.			90 years and under 100 years.	100 years and over.
I. ZYMOTICS.																								
ALCOHOLISM	6	3												1	2	3							5	1
CROUP		1																						
CARBUNCLE		1																						
CHOLERA MORBUS	2	10											1					1				1	1	
CHOLERA INFANTUM	73	134	5	20	36	11			1	73												45	28	
CEREBRO-SPINAL MENINGITIS	6	19			1	1	1			3			1	1		1						2	4	
CONGESTIVE FEVER																								
DIARRHŒA	6	12	2	1	1	1				5								1				3	3	
DYSENTERY	5	2	1							1			1				1	2				1	4	
DIPHTHERIA	11	32				1	4	2		7	4											4	7	
ERYSIPELAS	2	4	2							2												1	1	
INTERMITTENT FEVER																								
INFLUENZA	1																		1			1		
MEASLES	4		1		3					4												1	3	
PURPURA		1																						
PUERPERAL FEVER	1	2												1									1	
PYŒMIA																								
REMITTENT FEVER																								
RHEUMATISM	2	1											1					1				1	1	
SCARLATINA	2	6						1	1	2												2		
SMALLPOX					1																			
SYPHILIS (CONGENITAL)	2		2							2												2		
SYPHILIS																								
SEPTICŒMIA	3	2											1	2								1	2	
TONSILLITIS																								
TYPHOID FEVER	10	10						1		1			5	1		2	1					8	2	
TYPHUS FEVER																								
WHOOPING COUGH	2	5			2					2													2	
YELLOW FEVER																								
OTHER ZYMOTIC DISEASES		1																						
II. CONSTITUTIONAL.																								
CANCER	28	47														4	11	1	9	1	2		7	21
HYDROCEPHALUS AND TUBERC. MENINGITIS.	14	21	2	1	2	1	1		1	8	4				2							4	10	
MARASMUS, SCORFULA & TABES MESENTERICA	14	31	4	3	2	2	1			12			1						1			6	8	
PHTHISIS PULMONALIS	111	78				1				1		1	5	39	33	20	7	5				60	51	
OTHER CONSTITUTIONAL DISEASES . .	26	23			3	2	1			6	2	2	6	6	1	1	2					13	13	

of July, Classified by Cause, Age and Sex.

CAUSES OF DEATH.	Total Mortality for July, 1898.	Total Mortality for July, 1897.	AGE.																			SEX.		
			Under 3 months.	3 months and under 6 months.	6 months and under 1 year.	1 year and under 2 years.	2 years and under 3 years.	3 years and under 4 years.	4 years and under 5 years.	Total under 5 years.	5 years and under 10 years.	10 years and under 15 years.	15 years and under 20 years.	20 years and under 30 years.	30 years and under 40 years.	40 years and under 50 years.	50 years and under 60 years.	60 years and under 70 years.	70 years and under 80 years.	80 years and under 90 years.	90 years and under 100 years.	100 years and over.	Males.	Females.
III. LOCAL.																								
Apoplexy	30	42												3	6	4	8	5	4				13	17
Bright's Disease	5	3															2	3					3	2
Bronchitis	20	17	2	1	3	3	2	1		12			1	1	1		1	1	2	1			7	13
Heart Disease	59	69	2							2				3	9	11	10	11	8	5			33	26
Meningitis	33	28	2	6	6	6	1		1	22		1			7	1			1	1			19	14
Nephritis	23	16	1							1		1		3	1	5	2	6	4				12	11
Pleurisy																								
Pneumonia	65	47	5	3	6	5	4	4	2	29	2	1	1	8	4	3	4	6	6	1			33	32
Other Local Diseases	172	153	12	13	23	9	1	1	1	60		3	3	15	13	11	15	26	20	6			83	89
IV. DEVELOPMENTAL.																								
Cyanosis		2																						
Inanition	13	14	9	1	3					13													8	5
Old Age	20	23																1	8	9	2		6	14
Premature Birth	13	22	13							13													7	6
Puerp'l Diseases (not Includ'g Puerp'l Fever),	1	1											1											1
Other Developmental Diseases.	12	16	10		2					12													8	4
V. VIOLENT.																								
Accidental	49	32	1		4	1	1	4	2	13	3		1	4	7	4	5	6	4	2			36	13
Homicidal		1																						
Suicidal	8	11												2	2	4							4	4
Other Violent Causes	2	3													1	1								2
Unknown Causes	15	2	7		2					9				1	1	3		1					8	7
TOTAL FROM ALL CAUSES	871	948	82	50	96	47	16	15	9	315	13	9	14	94	101	81	58	88	63	33	2		448	423
TOTAL FROM ZYMOTIC DISEASES	138	246												11	7		6	3	4	1			78	60
INCLUDING TUBERCULAR DISEASES	322	388	12	22	40	17	5	4	2	102	4													
TOTAL FROM CONSTITUTIONAL DISEASES	193	200	6	4	7	6	2	1	1	27	4	3	8	45	45	32	9	16	1	3			90	103
“ “ LOCAL “	407	375	24	23	38	23	8	6	4	136	2	6	5	30	38	37	38	61	46	18			203	204
“ “ DEVELOPMENTAL “	59	78	32	1	5					38				1				1	8	9	2		29	30
“ “ VIOLENT CAUSES	59	47	1		4	1	1	4	2	13	3		1	6	10	9	5	6	4	2			40	19

Comparative Statement of Cases of Contagious Disease reported to the Board of Health for the month of July, 1898, and for the corresponding month in 1897.

CASES REPORTED DURING JULY, 1898.			CASES REPORTED DURING JULY, 1897.		
	City.	Quarantine.		City.	Quarantine.
Diphtheria	86	.....	Diphtheria	183	.....
Measles	154	.....	Measles	173	.....
Smallpox . . . . .	.....	.....	Smallpox . . . . .	.....	.....
Scarlatina	50	.....	Scarlatina	74	.....
Typhoid Fever	31	.....	Typhoid Fever	20	.....
Typhus Fever . . . . .	.....	.....	Typhus Fever . . . . .	.....	.....
Yellow Fever . . . . .	.....	.....	Yellow Fever . . . . .	.....	.....

METEOROLOGICAL OBSERVATIONS TAKEN AT THE WEATHER BUREAU, BOSTON.

For the month of July, 1898, as reported by J. W. SMITH, L. F. O., Weather Bureau.

DATE.	DAILY MEAN BAROMETER.	DAILY MEAN TEMPERATURE.	DAILY MEAN HUMIDITY.	PREVAILING DIRECTION OF WIND.	DAILY RAINFALL.	GENERAL ITEMS.
1	30.03	78	54	W.	.00	Mean Barometer, 30.06. Highest Barometer, 30.43, on the 12th.
2	30.20	74	54	E.	.00	Lowest Barometer, 29.69 on the 9th.
3	29.96	86	60	W.	.00	Monthly Range of Barometer, 0.79.
4	29.85	83	66	W.	.51	Mean Temperature, 72. Highest Temperature, 99, on the 3rd.
5	30.13	68	64	E.	.05	Lowest Temperature, 55, on the 11th.
6	30.28	64	62	E.	.00	Monthly Range of Temperature, 44.
7	30.15	68	58	S.W.	.00	Greatest Daily Range of Temperature, 30, on the 3rd.
8	29.84	74	65	S.W.	.00	Least Daily Range of Temperature, 3, on the 13th.
9	29.70	70	70	S.W.	.26	Mean Daily Range of Temperature, 16.
10	29.92	62	74	E.	.00	Mean Daily Dew-point, 62.
11	30.22	60	64	E.	.00	Mean Daily Relative Humidity, 75.
12	30.47	61	70	N.E.	.00	Prevailing Direction of Wind, S.W.
13	30.46	58	100	N.E.	2.24	Total Movement of Wind, 6,955 miles.
14	30.08	72	82	N.W.	.02	Highest Velocity of Wind and Direction, 36 N., 21st.
15	29.82	78	64	N.W.	.00	Number of Foggy Days, 2.
16	29.92	74	49	N.W.	.00	Number of Fair Days, 13.
17	30.05	70	69	E.	.00	Number of Clear Days, 9.
18	30.10	74	80	S.	.00	Total Number of Days on which Rain or Snow fell, 12.
19	30.00	76	88	S.W.	.43	Depth of unmelted Snow on ground at end of month, .0 inch.
20	29.94	78	82	S.W.	.03	Dates of Auroras, none.
21	30.00	80	85	S.W.	.14	Dates of Lunar Halos, none.
22	30.21	68	84	N.E.	.00	Thunder Storm, 4, 19, 21, 30, 31.
23	30.28	65	83	E.	.00	Mean Max. Temp., 80.
24	30.17	70	89	E.	*T	Dates of Frosts, —
25	30.09	70	87	S.	.00	Mean Min. Temp., 64.
26	29.99	74	92	S.W.	.29	MEAN TEMPERATURE for this month in
27	29.96	70	98	E.	.01	Total Precipitation for this Month in Inches.
28	29.92	68	98	E.	.33	1871 71
29	29.86	78	86	S.W.	.00	1872 75
30	29.88	83	84	S.W.	.11	1873 73
31	29.98	74	80	N.E.	*T	1874 73
TOTALS	—	—	—	—	4.42	1875 71
MEANS	30.06	72	75	S.W.	.142	1876 74
						1877 70
						1878 74
						1879 70
						1880 70
						1881 68
						1882 72
						1883 71
						1884 68
						1885 71
						1886 74
						1887 73
						1888 68
						1889 69
						1890 71
						1891 69
						1892 73
						1893 71
						1894 74
						1895 69
						1896 72
						1897 72
						1898 72

*T indicates trace of precipitation. Average mean temperature for 28 years, 71. Average monthly precipitation for 28 years, 3.48.

HEALTH DEPARTMENT OF THE CITY OF BOSTON.

Statement of Deaths for the month of August, 1898,

With an enumeration of the more prominent causes; accompanied by an abstract of Meteorological Observations.

Published by order of the Board of Health.

SAMUEL H. DURGIN, M.D.,

Chairman.

Deaths during the month of August, 1898, 1,195

Population estimated at 528,912.

Rate per 1,000 inhabitants, 27.11

Total number 1,195

SEX.

Males 608

Females 587

CONDITION.

Married 238

Single 822

Widows 86

Widowers 38

Unknown 11

COLOR.

White 1,163

Colored 32

Total deaths . . .	{	Under 1 year	516
		Under 2 years	605
		Under 5 years	634

Diarrhœal diseases	{	Under 1 year	218
		Under 2 years	255
		Under 5 years	261
		All ages	286

NATIVITY.

United States 897

Ireland 159

England 19

Scotland 6

Germany 13

British America 51

Italy 6

Russia 5

Other Countries 29

Unknown 10

PARENTAGE.

United States 271

Irish 360

English 18

Scotch 15

German 20

British American 92

Italian 34

Russian 38

Other Countries 110

Mixed 116

Unknown 121

Still-births during the month 36

Total Deaths with Principal Causes for the month

CAUSES OF DEATH.	Total Mortality for August, 1896.	Total Mortality for August, 1897.	AGE.																	SEX.						
			Under 3 months.	3 months and under 6 months.	6 months and under 1 year.	1 year and under 2 years.	2 years and under 3 years.	3 years and under 4 years.	4 years and under 5 years.	Total under 5 years.	5 years and under 10 years.	10 years and under 15 years.	15 years and under 20 years.	20 years and under 30 years.	30 years and under 40 years.	40 years and under 50 years.	50 years and under 60 years.	60 years and under 70 years.	70 years and under 80 years.	80 years and under 90 years.	90 years and under 100 years.	100 years and over.	Males.	Females.		
I. ZYMOTICS.																										
ALCOHOLISM	3	4												1	1	1								2	1	
CROUP		5																								
CARBUNCLE																										
CHOLERA MORBUS	9	2			1					1					1	1	3	1	1	1				4	5	
CHOLERA INFANTUM	225	162	39	51	94	36	3	1	224	1														108	117	
CEREBRO-SPINAL MENINGITIS	3	5									2	1												2	1	
CONGESTIVE FEVER																										
DIARRHŒA	42	22	9	11	11	1	2			34					1		3	2	1	1				23	19	
DYSENTERY	10	6	1		1					2	1		2	1	1	1	1		1					7	3	
DIPHTHERIA	9	15				2		4	1	7	2													4	5	
ERYSIPELAS	1	1														1								1		
INTERMITTENT FEVER		1																								
INFLUENZA																										
MEASLES	2		2							2														1	1	
PURPURA																										
PURPERAL FEVER																										
PYÆMIA																										
REMITTENT FEVER																										
RHEUMATISM	1	2																1							1	
SCARLATINA	4	6				1		1	1	3		1												2	2	
SMALLPOX																										
SYPHILIS (CONGENITAL)	3	5	1	1			1		3															3		
SYPHILIS	2	1													1	1								1	1	
SEPTICÆMIA	7	2			1				1					2	2	1	1							3	4	
TONSILLITIS																										
TYPHOID FEVER	21	25											4	9	5	2	1							16	5	
TYPHUS FEVER																										
WHOOPING COUGH	8	6	1	1	2	4			8															5	3	
YELLOW FEVER																										
OTHER ZYMOTIC DISEASES	3	1												3										3		
II. CONSTITUTIONAL.																										
CANCER	36	32														4	8	9	7	5	2	1		12	24	
HYDROCEPHALUS AND TUBERC. MENINGITIS	12	13			5	2	1		8	2			1	1										5	7	
MARASMUS, SCROFULA & TABES MESENTERICA	41	58	16	14	7	1			38			1			1				1					27	14	
PHTHISIS PULMONALIS	81	84	2					1	3	1	1	7	27	24	10	5	2	1						36	45	
OTHER CONSTITUTIONAL DISEASES	24	19		1	3	1			5				1	8	5	1	3	1						13	11	

of August, Classified by Cause, Age and Sex.

CAUSES OF DEATH.			AGE.																				SEX.	
	Total Mortality for August, 1898.	Total Mortality for August, 1897.	Under 3 months.	3 months and under 6 months.	6 months and under 1 year.	1 year and under 2 years.	2 years and under 3 years.	3 years and under 4 years.	4 years and under 5 years.	Total under 5 years.	5 years and under 10 years.	10 years and under 15 years.	15 years and under 20 years.	20 years and under 30 years.	30 years and under 40 years.	40 years and under 50 years.	50 years and under 60 years.	60 years and under 70 years.	70 years and under 80 years.	80 years and under 90 years.	90 years and under 100 years.	100 years and over.	Males.	Females.
III. LOCAL.																								
APOPLEXY	21	35													3	3	4	8	3				9	12
BRIGHT'S DISEASE	9	13													2	2	4	1					4	5
BRONCHITIS	24	11	5	3	6	4				18	1						3	1	1				12	12
HEART DISEASE	82	59	3							3			2	3	8	10	17	16	18	4	1		35	47
MENINGITIS	34	32	3	6	10	8	1	1		29	2				1	1	1						20	14
NEPHRITIS	24	20		1			1			2	1			1	5	3	6	3	3				9	15
PLEURISY	3	1													1	1	1						2	1
PNEUMONIA	47	39	6	5	7	11	3			32	1		2	1	4	1	1		3	2			24	23
OTHER LOCAL DISEASES	245	181	41	27	37	15	2		2	124	3	4	2	13	13	14	26	17	22	6	1		131	114
IV. DEVELOPMENTAL.																								
CYANOSIS	2		2							2													1	1
INANITION	23	8	16	4	3					23													9	14
OLD AGE	14	18																1	4	9			4	10
PREMATURE BIRTH	29	10	28		1					29													16	13
PUERP'L DISEASES (not includ'g Puerp'l Fever),	2	5												1	1									2
OTHER DEVELOPMENTAL DISEASES.	23	22	17		1	1				19	1					1			2				11	12
V. VIOLENT.																								
ACCIDENTAL	51	52	5		1	2	3			11	4	3	1	10	9	7	1	3		2			38	13
HOMICIDAL	2	1	1							1								1					1	1
SUICIDAL	6	7												1	2	2	1						2	4
OTHER VIOLENT CAUSES	1	3												1										1
UNKNOWN CAUSES	6	6	1	1						2				1	1		1	1					2	4
TOTAL FROM ALL CAUSES	1,195	1,000	199	126	191	89	17	8	4	634	22	9	23	84	96	70	91	61	70	32	3		608	387
TOTAL FROM ZYMOTIC DISEASES	353	271																						
INCLUDING TUBERCULAR DISEASES	482	417	53	64	110	44	6	6	2	285	6	1	7	16	12	8	9	4	3	2			185	168
TOTAL FROM CONSTITUTIONAL DISEASES	194	206	18	15	15	4	1	1		54	3	1	9	36	34	20	17	10	7	2	1		93	101
“ “ LOCAL “	489	391	58	42	60	38	7	1	2	208	8	4	6	18	37	32	62	41	56	15	2		246	243
“ “ DEVELOPMENTAL “	93	63	63	4	5	1				73	1			1	1	1		1	4	11			41	52
“ “ VIOLENT CAUSES	60	63	6		1	2	3			12	4	3	1	12	11	9	2	4		2			41	19

Comparative Statement of Cases of Contagious Disease reported to the Board of Health for the month of August, 1898, and for the corresponding month in 1897.

CASES REPORTED DURING AUGUST, 1898.			CASES REPORTED DURING AUGUST, 1897.		
	City.	Quarantine.		City.	Quarantine.
Diphtheria	89	.....	Diphtheria	140	.....
Measles	67	.....	Measles	48	.....
Smallpox . . . . .	.....	.....	Smallpox . . . . .	.....	.....
Scarlatina	42	.....	Scarlatina	81	.....
Typhoid Fever	74	.....	Typhoid Fever	101	.....
Typhus Fever . . . . .	.....	.....	Typhus Fever . . . . .	.....	.....
Yellow Fever . . . . .	.....	.....	Yellow Fever . . . . .	.....	.....

METEOROLOGICAL OBSERVATIONS TAKEN AT THE WEATHER BUREAU, BOSTON.

For the month of August, 1898, as reported by J. W. SMITH, L. F. O., Weather Bureau.

DATE.	DAILY MEAN BAROMETER.	DAILY MEAN TEMPERATURE.	DAILY MEAN HUMIDITY.	PREVAILING DIRECTION OF WIND.	DAILY RAINFALL.	GENERAL ITEMS.
1	30.06	67	94	E.	.00	Mean Barometer, 29.98. Highest Barometer, 30.28, on the 28th.
2	30.00	77	89	N.W.	.00	Lowest Barometer, 29.70 on the 25th.
3	30.04	74	76	E.	.00	Monthly Range of Barometer, 0.58.
4	29.94	80	84	S.	.31	Mean Temperature, 73. Highest Temperature, 94, on the 24th.
5	29.92	72	81	N.	.78	Lowest Temperature, 55, on the 28th.
6	29.98	74	62	W.	.00	Monthly Range of Temperature, 39.
7	29.92	78	66	W.	.00	Greatest Daily Range of Temperature, 25, on the 24th.
8	29.84	82	80	S.W.	.13	Least Daily Range of Temperature, 4, on the 1st.
9	29.88	76	75	W.	.03	Mean Daily Range of Temperature, 15.
10	29.96	69	88	W.	.18	Mean Daily Dew-point, 64.
11	30.01	64	94	N.E.	1.97	Mean Daily Relative Humidity, 77.
12	30.08	67	86	S.	*T	Prevailing Direction of Wind, W.
13	30.08	73	78	W.	.30	Total Movement of Wind, 7,062 miles.
14	30.24	67	66	E.	.00	Highest Velocity of Wind and Direction, 29 N.W., 23rd.
15	30.23	71	76	E.	.00	Number of Foggy Days, 0. Number of Fair Days, 10.
16	30.06	74	80	S.W.	.00	Number of Clear Days, 11. Number of Cloudy Days, 10.
17	29.95	78	82	S.W.	1.03	Total Number of Days on which Rain or Snow fell, 12.
18	29.97	76	78	W.	*T	Depth of unmelted Snow on ground at end of month, .0 inch.
19	29.98	70	92	W.	.09	Dates of Auroras, none. Dates of Solar Halos, none.
20	30.01	68	70	W.	.00	Dates of Lunar Halos, 3.
21	29.92	72	71	W.	.00	Thunder Storm, 4, 8, 17, 23, 24, 25.
22	29.84	78	76	S.W.	.00	Mean Max. Temp., 81.
23	29.86	78	90	S.W.	.26	MEAN TEMPERATURE for this month in
24	29.88	82	84	S.W.	.04	Total Precipitation for this Month in Inches.
25	29.74	84	82	S.W.	.26	1871 72 1871 3.68
26	29.83	78	60	W.	.00	1872 72 1872 10.68
27	30.01	74	58	N.W.	.00	1873 69 1873 6.21
28	30.28	62	58	E.	.00	1874 68 1874 6.67
29	30.11	67	74	S.	.00	1875 71 1875 3.50
30	29.95	77	71	S.W.	.00	1876 70 1876 1.23
31	29.99	78	67	W.	.00	1877 71 1877 4.49
TOTALS	—	—	—	—	6.38	1878 68 1878 7.66
MEANS	29.98	73	77	W.	.203	1879 68 1879 6.71
						1880 69 1880 2.90
						1881 70 1881 1.23
						1882 70 1882 1.46
						1883 68 1883 0.39
						1884 68 1884 5.01
						1885 67 1885 7.67
						1886 68 1886 3.64
						1887 67 1887 3.05
						1888 71 1888 6.53
						1889 67 1889 3.95
						1890 69 1890 2.70
						1891 70 1891 3.87
						1892 70 1892 4.87
						1893 70 1893 6.46
						1894 68 1894 3.08
						1895 71 1895 3.24
						1896 71 1896 2.15
						1897 70 1897 3.95
						1898 73 1898 6.38

*T indicates trace of precipitation. Average mean temperature for 28 years, 70. Average monthly precipitation for 28 years, 4.38.

HEALTH DEPARTMENT OF THE CITY OF BOSTON.

Statement of Deaths for the month of September, 1898,

With an enumeration of the more prominent causes; accompanied by an abstract of Meteorological Observations.

Published by order of the Board of Health.

SAMUEL H. DURGIN, M.D.,

Chairman.

Deaths during the month of September, 1898 985
Population estimated at 528,912. Rate per 1,000 inhabitants, 22.35

Total number 985

SEX.

Males 516

Females 469

CONDITION.

Married 238

Single 621

Widows 80

Widowers 36

Unknown 10

COLOR.

White 970

Colored 15

Total deaths . . .
 Under 1 year 330
 Under 2 years 412
 Under 5 years 431

Diarrhoeal diseases
 Under 1 year 107
 Under 2 years 133
 Under 5 years 134
 All ages 153

NATIVITY.

United States 692

Ireland 162

England 22

Scotland 5

Germany 14

British America 50

Italy 6

Russia 5

Other Countries 20

Unknown 9

PARENTAGE.

United States 176

Irish 342

English 24

Scotch 12

German 24

British American 60

Italian 25

Russian 36

Other Countries 84

Mixed 98

Unknown 104

Still-births during the month 54

Total Deaths with Principal Causes for the month

CAUSES OF DEATH.	Total Mortality for September, 1898.	Total Mortality for September, 1897.	AGE.																			SEX.			
			Under 3 months.	3 months and under 6 months.	6 months and under 1 year.	1 year and under 2 years.	2 years and under 3 years.	3 years and under 4 years.	4 years and under 5 years.	Total under 5 years.	5 years and under 10 years.	10 years and under 15 years.	15 years and under 20 years.	20 years and under 30 years.	30 years and under 40 years.	40 years and under 50 years.	50 years and under 60 years.	60 years and under 70 years.	70 years and under 80 years.	80 years and under 90 years.	90 years and under 100 years.	100 years and over.	Males.	Females.	
I. ZYMOTICS.																									
ALCOHOLISM	2	4												2										2	
CROUP	1	2							1	1													1		
CARRUNCLE																									
CHOLERA MORBUS	3	2												1		1				1			2	1	
CHOLERA INFANTUM	108	72	14	21	46	25	1			107	1												61	47	
CEREBRO-SPINAL MENINGITIS	5	12					2			2		1	1		1								4	1	
CONGESTIVE FEVER																									
DIARRHŒA	29	15	3	10	12	1				26								2	1				16	13	
DYSENTERY	13	3			1					1			1	4	2	1	1			3			9	4	
DIPHTHERIA	12	18		1	2	1	2		1	7	3		1	1									7	5	
ERYSIPELAS																									
INTERMITTENT FEVER																									
INFLUENZA	1																	1						1	
MEASLES																									
PURPURA																									
PUERPERAL FEVER																									
PTŒMIA																									
REMITTENT FEVER																									
RHEUMATISM	2																1	1						2	
SCARLATINA	1	2							1	1													1		
SMALLPOX																									
SYPHILIS (CONGENITAL)																									
SYPHILIS	1																	1					1		
SEPTICŒMIA	2	1															2	1					4	5	
TONSILLITIS																									
TYPHOID FEVER	36	27										2	8	10	10	3	2	1					29	7	
TYPHUS FEVER																									
WHOPPING COUGH	9	4	1	1	4	3				9													4	5	
YELLOW FEVER																									
OTHER ZYMOTIC DISEASES	11	1			2	1				3			1	5	1				1				9	2	
II. CONSTITUTIONAL.																									
CANCER	31	34												1	2	7	9	7	4	1			11	20	
HYDROCEPHALUS AND TUBERC. MENINGITIS,	19	14	2	1	3	2	1	1		10													2	8	
MARASMUS, SCROFULA & TABES MESENTERICA	52	53	14	15	15	5	1			50				1	1								29	23	
PHTHISIS PULMONALIS	97	88	2			3	1			6		1	10	25	29	11	8	4	3				45	52	
OTHER CONSTITUTIONAL DISEASES	30	19		2	3	5			1	11		2	2	7	6	5	6					1	21	19	

of September, Classified by Cause, Age and Sex.

CAUSES OF DEATH.	Total Mortality for September, 1898.	Total Mortality for September, 1897.	AGE.																	SEX.							
			Under 3 months.	3 months and under 6 months.	6 months and under 1 year.	1 year and under 2 years.	2 years and under 3 years.	3 years and under 4 years.	4 years and under 5 years.	Total under 5 years.	5 years and under 10 years.	10 years and under 15 years.	15 years and under 20 years.	20 years and under 25 years.	25 years and under 30 years.	30 years and under 40 years.	40 years and under 50 years.	50 years and under 60 years.	60 years and under 70 years.	70 years and under 80 years.	80 years and under 90 years.	90 years and under 100 years.	100 years and over.	Males.	Females.		
III. LOCAL.																											
APoplexy	18	26										1		3	4	1	6	3						6	17		
BRIGHT'S DISEASE	13	10												1	3	3	4	1	1					11	2		
BRONCHITIS	24	20	3	3	4	4				14				1		1	2	3	3					9	15		
HEART DISEASE	63	74	2		1					3			2	2	11	10	8	10	8	7	1			27	35		
MENINGITIS	20	28			1	3	10	1		15			1			1	1		2					10	10		
NEPHRITIS	23	26	1							1		1		2	3	7	5	2	2					10	13		
PLEURISY		1																									
PNEUMONIA	28	40	2	2	4	4	2			14				3	3	1	3	2	2					14	14		
OTHER LOCAL DISEASES	105	154	26	19	24	13	1	1		84	2	2	4	13	8	20	16	21	18	6	1			99	96		
IV. DEVELOPMENTAL.																											
CYANOSIS	3	1	3							3														1	2		
INANITION	22	12	14	3	4					21						1								14	8		
OLD AGE	17	22															1	1	3	10	2			5	12		
PREMATURE BIRTH	17	20	17							17														11	6		
PUERPERAL DISEASES (not includ'g Puerperal Fever),	2	4											1	1											2		
OTHER DEVELOPMENTAL DISEASES	24	19	10	4	2					16				1		2		3		2				14	10		
V. VIOLENT.																											
ACCIDENTAL	37	40	1	1		5		1		8	2	1	2	6	10	3	1	2		2				23	14		
HOMICIDAL		2																									
SUICIDAL	4	2												1	1	2								3	1		
OTHER VIOLENT CAUSES	2	4			1					1							1								2		
UNKNOWN CAUSES	1	3															1							1			
TOTAL FROM ALL CAUSES	385	885	115	84	131	82	12	4	3	431	8	10	34	82	104	70	74	68	54	34	6	1		346	469		
TOTAL FROM ZYMOTIC DISEASES	243	163																									
INCLUDING TUBERCULAR DISEASES	307	273	18	33	67	31	5	1	2	157	4	3	12	20	23	4	7	7	2	4				150	93		
TOTAL FROM CONSTITUTIONAL DISEASES	230	205	18	18	21	15	3	1	1	77		3	12	34	38	23	23	11	7	1		1		108	122		
" " LOCAL "	383	388	34	25	36	31	4	1		131	2	3	8	20	30	46	38	47	39	17	2			186	197		
" " DEVELOPMENTAL "	85	78	44	7	6					57				1	2	1	3	1	6	10	4			45	40		
" " VIOLENT CAUSES	43	48	1	1	1	5		1		9	2	1	2	7	11	5	2	2		2				26	17		

Comparative Statement of Cases of Contagious Disease reported to the Board of Health for the month of September, 1898, and for the corresponding month in 1897.

CASES REPORTED DURING SEPTEMBER, 1898.			CASES REPORTED DURING SEPTEMBER, 1897.		
	City.	Quarantine.		City.	Quarantine.
Diphtheria	101	....	Diphtheria	162	....
Measles	39	....	Measles	19	....
Smallpox . . . . .	....	....	Smallpox . . . . .	....	....
Scarlatina	55	....	Scarlatina	58	....
Typhoid Fever	93	....	Typhoid Fever	94	1
Typhus Fever . . . . .	....	....	Typhus Fever . . . . .	....	....
Yellow Fever . . . . .	....	....	Yellow Fever . . . . .	....	....

METEOROLOGICAL OBSERVATIONS TAKEN AT THE WEATHER BUREAU, BOSTON.

For the month of September, 1898, as reported by J. W. SMITH, L. F. O., Weather Bureau.

DATE.	DAILY MEAN BAROMETER.	DAILY MEAN TEMPERATURE.	DAILY MEAN HUMIDITY.	PREVAILING DIRECTION OF WIND.	DAILY RAINFALL.	GENERAL ITEMS.
1	29.96	74	81	E.	*T	Mean Barometer, 30.05. Highest Barometer, 30.44, on the 13th. Lowest Barometer, 29.65 on the 27th. Monthly Range of Barometer, 0.79. Mean Temperature, 66.
2	29.90	76	78	E.	.00	Highest Temperature, 92, on the 3d. Lowest Temperature, 44, on the 21st. Monthly Range of Temperature, 48.
3	29.82	78	71	W.	.27	Greatest Daily Range of Temperature, 38, on the 4th. Least Daily Range of Temperature, 9, on the 15th.
4	29.88	76	88	E.	.00	Mean Daily Range of Temperature, 18. Mean Daily Dew-point, 56.
5	29.87	76	80	E.	.00	Mean Daily Relative Humidity, 74. Prevailing Direction of Wind, W.
6	29.90	79	72	W.	.00	Total Movement of Wind, 6,880 miles. Highest Velocity of Wind and Direction, 36 N.W., 27th.
7	29.82	77	88	W.	.55	Number of Foggy Days, 3. Number of Fair Days, 7. Number of Clear Days, 16. Number of Cloudy Days, 7.
8	30.17	67	65	W.	.00	Total Number of Days on which Rain or Snow fell, 6. Depth of unmelted Snow on ground at end of month, —.
9	30.32	66	70	E.	.00	Dates of Auroras, 17th. Dates of Solar Halos, 14th, 22d.
10	30.30	66	58	N.	.00	Dates of Lunar Halos, none. Thunder Storm, 2d, 7th, 13th.
11	30.20	60	52	W.	.00	Mean Max. Temp., 75. Mean Min. Temp., 57.
12	30.32	60	61	N.W.	.00	MEAN TEMPERATURE for this month in 1871 59 1872 64 1873 62 1874 64 1875 59 1876 59 1877 64 1878 63 1879 61 1880 64 1881 66 1882 63 1883 59 1884 66 1885 60 1886 63 1887 60 1888 60 1889 63 1890 63 1891 67 1892 62 1893 60 1894 65 1895 66 1896 62 1897 63 1898 66
13	30.39	58	70	W.	.00	Total Precipitation for this Month in Inches. 1871 1.30 1872 6.04 1873 2.91 1874 2.05 1875 3.12 1876 3.84 1877 3.60 1878 3.47 1879 1.84 1880 2.36 1881 2.50 1882 10.93 1883 1.50 1884 0.31 1885 1.70 1886 2.73 1887 0.97 1888 6.77 1889 3.19 1890 5.04 1891 2.29 1892 1.90 1893 1.50 1894 2.14 1895 1.53 1896 6.40 1897 2.38 1898 1.93
14	30.26	62	79	S.	.00	
15	30.15	60	93	E.	.00	
16	29.98	66	92	N.	*T	
17	29.99	74	82	W.	*T	
18	29.80	72	84	S.W.	*T	
19	29.84	67	52	W.	.00	
20	30.07	58	50	W.	.00	
21	30.36	55	52	N.W.	.00	
22	30.20	62	72	S.W.	.00	
23	29.78	70	94	S.W.	.74	
24	29.97	58	98	N.E.	.02	
25	30.12	54	90	N.	.12	
26	29.95	63	82	S.W.	.00	
27	29.78	58	63	N.W.	.33	
28	30.04	62	78	N.W.	.00	
29	30.16	65	69	S.W.	.00	
30	30.18	70	72	W.	.00	
31						
TOTALS.....	—	—	—	—	1.93	
MEANS.....	30.05	66	74	W.	.064	

*T Indicates trace of precipitation. Average mean temperature for 28 years, 66. Average monthly precipitation for 28 years, 3.08

HEALTH DEPARTMENT OF THE CITY OF BOSTON.

Statement of Deaths for the month of October, 1898,

With an enumeration of the more prominent causes; accompanied by an abstract of Meteorological Observations.

Published by order of the Board of Health.

SAMUEL H. DURGIN, M.D.,
Chairman.

Deaths during the month of October, 1898 896
Population estimated at 528,912. Rate per 1,000 inhabitants, 20.33

Total number 896		NATIVITY.	
SEX.		United States	601
Males	452	Ireland	161
Females	444	England	18
CONDITION.		Scotland	7
Married	277	Germany	12
Single	503	British America	52
Widows	76	Italy	6
Widowers	30	Russia	7
Unknown	10	Other Countries	23
COLOR.		Unknown	9
White	876	PARENTAGE.	
Colored	20	United States	203
Total deaths . . .	Under 1 year	Irish	314
	Under 2 years	English	24
	Under 5 years	Scotch	6
Diarrhœal diseases	Under 1 year	German	18
	Under 2 years	British American	50
	Under 5 years	Italian	25
	All ages	Russian	19
		Other Countries	82
		Mixed	76
		Unknown	79
		Still-births during the month	49

Total Deaths with Principal Causes for the month

CAUSES OF DEATH.	Total Mortality for October, 1888.	Total Mortality for October, 1887.	AGE.																			SEX.		
			Under 3 months.	3 months and under 6 months.	6 months and under 1 year.	1 year and under 2 years.	2 years and under 3 years.	3 years and under 4 years.	4 years and under 5 years.	Total under 5 years.	5 years and under 10 years.	10 years and under 15 years.	15 years and under 20 years.	20 years and under 30 years.	30 years and under 40 years.	40 years and under 50 years.	50 years and under 60 years.	60 years and under 70 years.	70 years and under 80 years.	80 years and under 90 years.	90 years and under 100 years.	100 years and over.	Males.	Females.
I. ZYMOTICS.																								
ALCOHOLISM	6	7											3	1	2								4	2
CROUP	1	5					1			1														
CARBUNCLE																								
CHOLERA MORBUS	1	1												1										1
CHOLERA INFANTUM	20	16	4	4	10	2				20													13	7
CEREBRO-SPINAL MENINGITIS	3	6				1				1		1	1										1	2
CONGESTIVE FEVER																								
DIARRHŒA	6	10		1	4					5					1								3	3
DYSENTERY	4	2												1	1			1	1				3	1
DIPHTHERIA	9	20			1		1	1	1	4	4	1											3	6
ERYSIPELAS	1															1							1	
INTERMITTENT FEVER	1														1								1	
INFLUENZA																								
MEASLES	1						1			1														1
PURPURA	1	1	1							1														1
PUERPERAL FEVER																								
PTŒMIA		1																						
REMITTENT FEVER																								
RHEUMATISM	1																	1						1
SCARLATINA	7	3			1	1				2	4			1									4	3
SMALLPOX																								
SYPHILIS (CONGENITAL)	2	2	2							2														2
SYPHILIS		1																						
SEPTICŒMIA	4	8							1	1					1		1	1					1	3
TONSILLITIS																								
TYPHOID FEVER	33	22									3	2	3	18	4	2	1						24	9
TYPHUS FEVER																								
WHOOPING COUGH	7	2	3		1	2		1		7														7
YELLOW FEVER																								
OTHER ZYMOTIC DISEASES	3	1			1					1				2									2	1
II. CONSTITUTIONAL.																								
CANCER	32	33													3	8	8	5	8				7	25
HYDROCEPHALUS AND TUBERC. MENINGITIS,	11	9	2		2	1	3			1	9	2											4	7
MARASMUS, SCROFULA & TABES MESENTERICA	43	50	19	6	13	5				43													17	26
PHTHISIS PULMONALIS	102	114	1			2				1	4	1		5	38	25	14	9	3	2	1		46	76
OTHER CONSTITUTIONAL DISEASES	35	21	2	1	2	1	1			1	8	1		1	4	7	6	5	1	2			21	14

of October, Classified by Cause, Age and Sex.

CAUSES OF DEATH.	AGE.																				SEX.			
	Total Mortality for October, 1898.	Total Mortality for October, 1897.	Under 3 months.	3 months and under 6 months.	6 months and under 1 year.	1 year and under 2 years.	2 years and under 3 years.	3 years and under 4 years.	4 years and under 5 years.	Total under 5 years.	5 years and under 10 years.	10 years and under 15 years.	15 years and under 20 years.	20 years and under 30 years.	30 years and under 40 years.	40 years and under 50 years.	50 years and under 60 years.	60 years and under 70 years.	70 years and under 80 years.	80 years and under 90 years.	90 years and under 100 years.	100 years and over.	Males.	Females.
III. LOCAL.																								
Apoplexy	29	38	1							1				1	1	2	6	11	3	4			17	12
Bright's Disease	2	17															1		1				1	1
Bronchitis	20	26	2	2		5	2			11	1				2			2	2	2			9	11
Heart Disease	66	57				1				1		1	2	7	6	2	11	15	16	3	2		38	28
Meningitis	24	26	3	8	4	3	2		1	21		2				1							12	12
Nephritis	23	14											1	1	1	5	4	6	4		1		10	13
Pleurisy	3	2																1	1	1			2	1
Pneumonia	104	70	5	7	16	10	10	2		50	3	2	1	6	8	8	12	8	3	4			60	44
OTHER LOCAL DISEASES	158	154	10	19	12	4	3	2	1	51	4	4	6	7	16	20	12	18	15	5			75	83
IV. DEVELOPMENTAL.																								
Cyanosis		1																						
Inanition	23	13	12	4	4		1			21							1	1					10	13
Old Age	21	24																2	6	9	4		7	14
Premature Birth	16	14	16							16													11	5
Puerp'l Diseases (not includ'g Puerp'l Fever),	1	7													1									1
OTHER DEVELOPMENTAL DISEASES	19	18	9	2	1	1				13	1				1	1				2	1		7	12
V. VIOLENT.																								
Accidental	37	37	3							3	1	1	3	4	14	3	4	1	1	1	1		31	6
Homicidal		3																						
Suicidal	6	6												1	1		1	2	1				5	1
OTHER VIOLENT CAUSES	6	4					1			1				3		2								6
Unknown Causes	4	5	1	1					1	3								1					2	2
TOTAL FROM ALL CAUSES	896	871	96	55	72	38	27	6	8	202	25	14	23	56	95	76	78	80	66	32	9		452	444
TOTAL FROM ZYMOTIC DISEASES	111	168																						
INCLUDING TUBERCULAR DISEASES	277	272	10	5	18	5	4	2	2	46	11	4	4	25	9	4	4	3	1				60	51
TOTAL FROM CONSTITUTIONAL DISEASES	223	227	24	7	17	9	4			3	64	4		6	42	35	28	22	9	12	1		95	128
“ “ LOCAL “	429	404	21	36	32	23	17	4	2	135	8	9	10	21	34	38	46	61	45	19	3		224	205
“ “ DEVELOPMENTAL “	80	77	37	6	5	1	1			50	1				2	1	1	3	6	11	5		35	45
“ “ VIOLENT CAUSES	49	50	3				1			4	1	1	3	8	15	5	5	3	2	1	1		36	13

Comparative Statement of Cases of Contagious Disease reported to the Board of Health for the month of October, 1898, and for the corresponding month in 1897.

CASES REPORTED DURING OCTOBER, 1898.			CASES REPORTED DURING OCTOBER, 1897.		
	City.	Quarantine.		City.	Quarantine.
Diphtheria	152	....	Diphtheria	206	....
Measles	90	....	Measles	21	....
Smallpox . . . . .	....	....	Smallpox . . . . .	....	....
Scarlatina	119	....	Scarlatina	120	....
Typhoid Fever	101	....	Typhoid Fever	196	....
Typhus Fever . . . . .	....	....	Typhus Fever . . . . .	....	....
Yellow Fever . . . . .	....	....	Yellow Fever . . . . .	....	....

METEOROLOGICAL OBSERVATIONS TAKEN AT THE WEATHER BUREAU, BOSTON.

For the month of October, 1898, as reported by J. W. SMITH, L. F. O., Weather Bureau.

DATE.	DAILY MEAN BAROMETER.	DAILY MEAN TEMPERATURE.	DAILY MEAN HUMIDITY.	PREVAILING DIRECTION OF WIND.	DAILY RAINFALL.	GENERAL ITEMS.
1	30.36	66	82	E.	.00	Mean Barometer, 30.126. Highest Barometer, 30.434, on the 2d.
2	30.44	61	94	E.	.00	Lowest Barometer, 29.438 on the 22d.
3	30.25	70	84	S.W.	.00	Monthly Range of Barometer, 1.046.
4	30.12	76	82	W.	.00	Mean Temperature, 64.2.
5	29.96	65	94	N.W.	1.31	Highest Temperature, 85, on the 4th.
6	30.26	56	52	N.W.	*T	Lowest Temperature, 34, on the 28th.
7	30.41	56	74	S.	.00	Monthly Range of Temperature, 51.
8	30.09	58	90	S.W.	.22	Greatest Daily Range of Temperature, 27, on the 27th.
9	30.15	56	66	W.	.00	Least Daily Range of Temperature, 4, on the 21st.
10	30.02	46	66	N.	.00	Mean Daily Range of Temperature, 13.9.
11	30.08	59	86	S.	.00	Mean Daily Dew-point, 46.4.
12	29.77	60	78	N.W.	.65	Mean Daily Relative Humidity, 79.6.
13	30.02	49	90	N.W.	.00	Prevailing Direction of Wind, W.
14	30.02	51	79	E.	.00	Total Movement of Wind, 8,418 miles.
15	29.66	48	83	W.	.66	Highest Velocity of Wind and Direction, 36 S.
16	30.05	46	73	N.W.	.00	Number of Foggy Days, 1.
17	30.32	42	76	N.-N.W.	.00	Number of Clear Days, 12.
18	30.40	40	86	N.	.00	Total Number of Days on which Rain or Snow fell, 13.
19	30.19	50	78	E.	.78	Depth of unmelted Snow on ground at end of month, —.
20	30.21	56	68	N.W.	.03	Dates of Auroras, none.
21	30.21	51	97	E.	.03	Dates of Lunar Halos, 24th.
22	29.51	61	95	S.	1.53	Thunder Storm, 5th.
23	29.90	54	64	W.	.00	Mean Max. Temp., 61.2.
24	30.36	56	71	S.W.	.00	Mean Min. Temp., 47.3.
25	30.32	58	84	S.W.	.00	MEAN TEMPERATURE for this month in
26	29.88	62	91	S.E.	1.43	Total Precipitation for this Month in Inches.
27	29.97	52	70	W.	.40	1871 54
28	30.43	40	72	E.	.00	1872 52
29	30.34	42	95	N.	.06	1873 53
30	29.93	46	90	N.	.07	1874 53
31	29.93	45	76	N.W.	.00	1875 40
TOTALS	—	—	—	—	7.17	1876 48
MEANS	30.12	54.2	79.6	W.	.231	1877 54
						1878 55
						1879 56
						1880 51
						1881 53
						1882 55
						1883 47
						1884 52
						1885 54
						1886 52
						1887 51
						1888 49
						1889 48
						1890 51
						1891 52
						1892 53
						1893 55
						1894 54
						1895 50
						1896 50
						1897 54
						1898 54

*T Indicates trace of precipitation. Average mean temperature for 28 years, 52. Average monthly precipitation for 28 years, 4.12

HEALTH DEPARTMENT OF THE CITY OF BOSTON.

Statement of Deaths for the month of November, 1898,

With an enumeration of the more prominent causes; accompanied by an abstract of Meteorological Observations.

Published by order of the Board of Health.

SAMUEL H. DURGIN, M.D.,

Chairman.

Deaths during the month of November, 1898 874
Population estimated at 528,912. Rate per 1,000 inhabitants, 19.83

Total number 874

SEX.

Males 441

Females 433

CONDITION.

Married 267

Single 451

Widows 106

Widowers 38

Unknown 12

COLOR.

White 853

Colored 21

Total deaths . . .	{	Under 1 year	158
		Under 2 years	205
		Under 5 years	242

Diarrhoeal diseases	{	Under 1 year	1
		Under 2 years	2
		Under 5 years	2
		All ages	6

NATIVITY.

United States 557

Ireland 151

England 22

Scotland 8

Germany 19

British America 59

Italy 11

Russia 13

Other Countries 16

Unknown 18

PARENTAGE.

United States 198

Irish 319

English 18

Scotch 11

German 26

British American 62

Italian 23

Russian 21

Other Countries 50

Mixed 58

Unknown 88

Still-births during the month 52

Total Deaths with Principal Causes for the month

CAUSES OF DEATH.	Total Mortality for November, 1898.		Total Mortality for November, 1897.		AGE.																			SEX.		
					Under 3 months. 3 months and under 6 months. 6 months and under 1 year. 1 year and under 2 years. 2 years and under 3 years. 3 years and under 4 years. 4 years and under 5 years. Total under 5 years. 5 years and under 10 years. 10 years and under 15 years. 15 years and under 20 years. 20 years and under 30 years. 30 years and under 40 years. 40 years and under 50 years. 50 years and under 60 years. 60 years and under 70 years. 70 years and under 80 years. 80 years and under 90 years. 90 years and under 100 years. 100 years and over.	Males.	Females.																			
I. ZYMOTICS.																										
ALCOHOLISM	6	1															3	1	2						4	2
CROUP	2	4				1				1		2													1	1
CARBUNCLE																										
CHOLERA MORBUS		1																								
CHOLERA INFANTUM		2																								
CEREBRO-SPINAL MENINGITIS	4	6					2	1			3	1													2	2
CONGESTIVE FEVER																										
DIARRHŒA	3	5	1			1					2											1			2	1
DYSENTERY	3	1																				3			2	1
DIPHTHERIA	23	21				1	3	1	4	4	13	6	4												11	12
ERYSIPELAS	3	1											1					1		1					2	1
INTERMITTENT FEVER																										
INFLUENZA		1																								
MEASLES	4		2				2				4														1	3
PURPURA	1	1											1												1	
PURPERAL FEVER																										
PTŒMIA		2																								
REMITTENT FEVER																										
RHEUMATISM		1																								
SCARLATINA	4	1						1	1		2	2													2	2
SMALLPOX																										
SYPHILIS (CONGENITAL)	1	2	1								1														1	
SYPHILIS		1																								
SEPTICŒMIA	4	7											1		1		1	1							1	3
TONSILLITIS																										
TYPHOID FEVER	19	18			1			1			2	1		2	5	3	2	3	1						13	6
TYPHUS FEVER																										
WHOOPING COUGH	3	1	2	1							3														1	2
YELLOW FEVER																										
OTHER ZYMOTIC DISEASES		2																								
II. CONSTITUTIONAL.																										
CANCER	36	27															1	4	4	11	11	1	1		12	24
HYDROCEPHALUS AND TUBERO. MENINGITIS,	11	16	1			1	2	1			5	3	1		1	1									7	4
MARASMUS, SCROFULA & TABES MESENTERICA	18	25	7	4	2	3					16										2				7	11
PHTHISIS PULMONALIS	109	113	2	1	2	2					7		1	6	34	30	11	7	2	2					53	47
OTHER CONSTITUTIONAL DISEASES	39	24			1	2	1				4	1		3	9	3	4	5		1					13	17

of November, Classified by Cause, Age and Sex.

CAUSES OF DEATH.	AGE.																				SEX.			
	Total Mortality for November, 1898.	Total Mortality for November, 1897.																			Males.	Females.		
			Under 3 months.	3 months and under 6 months.	6 months and under 1 year.	1 year and under 2 years.	2 years and under 3 years.	3 years and under 4 years.	4 years and under 5 years.	Total under 5 years.	5 years and under 10 years.	10 years and under 15 years.	15 years and under 20 years.	20 years and under 30 years.	30 years and under 40 years.	40 years and under 50 years.	50 years and under 60 years.	60 years and under 70 years.	70 years and under 80 years.	80 years and under 90 years.			90 years and under 100 years.	100 years and over.
III. LOCAL.																								
Apoplexy	44	33													5	5	10	10	11	3			21	23
Bright's Disease	10	9														1	1	1	4	3			4	6
Bronchitis	34	38	7	4	3	2	2			18	1		1				2	3	5	2			14	20
Heart Disease	78	76										1	2	8	4	8	18	16	14	6	1		37	41
Meningitis	16	29	7		2	2	2	1		14	1							1					11	5
Nephritis	29	24				1				1	1	2		5	5	3	5	5	2				15	14
Pleurisy	1	1												1									1	
Pneumonia	121	86	4	8	7	19	6	3	2	49	3		3	9	13	8	10	13	8	4	1		60	61
OTHER LOCAL DISEASES	140	122	14	7	9	4	1			35	1	2	1	9	9	21	13	26	16	6	1		67	73
IV. DEVELOPMENTAL.																								
Cyanosis																								
Inanition	25	11	15	4	3	2				24									1				16	9
Old Age	13	18																	4	8	1		4	9
Premature Birth	12	19	12							12													6	6
Puerp'l Diseases (not includ'g Puerp'l Fever),	2	1												1	1									2
OTHER DEVELOPMENTAL DISEASES	16	17	14	1						15							1						8	8
V. VIOLENT.																								
Accidental	40	26					3	1		4	1	2		8	11	7	1	3	2	1			30	10
Homicidal	1	2											1										1	
Suicidal	7	12												1	1	2	2	1					5	2
OTHER VIOLENT CAUSES	3	3												1		1	1							3
UNKNOWN CAUSES	7	3	6							6										1			5	2
TOTAL FROM ALL CAUSES	874	813	95	32	31	47	20	11	6	242	32	16	19	97	93	82	94	100	73	30	6		441	431
TOTAL FROM ZYMOTIC DISEASES	80	79																						
INCLUDING TUBERCULAR DISEASES	221	253	6	2	2	8	4	6	4	32	10	7	2	9	5	5	5	1	4				44	36
TOTAL FROM CONSTITUTIONAL DISEASES	195	204	10	6	5	9	2			32	4	2	9	45	38	19	23	16	6	1			92	103
“ “ LOCAL “	473	418	32	19	21	28	11	4	2	117	7	5	7	32	37	48	61	79	56	19	5		230	243
“ “ DEVELOPMENTAL “	68	66	41	5	3	2				51				1	1		1		5	8	1		34	34
“ “ VIOLENT CAUSES	51	43					3	1		4	1	2	1	10	12	10	4	4	2	1			36	15

Comparative Statement of Cases of Contagious Disease reported to the Board of Health for the month of November, 1898, and for the corresponding month in 1897.

CASES REPORTED DURING NOVEMBER, 1898.			CASES REPORTED DURING NOVEMBER, 1897.		
	City.	Quarantine.		City.	Quarantine.
Diphtheria	216	....	Diphtheria	257	....
Measles	302	....	Measles	46	....
Smallpox . . . . .	....	....	Smallpox . . . . .	....	....
Scarlatina	103	....	Scarlatina	118	....
Typhoid Fever	54	....	Typhoid Fever	62	....
Typhus Fever . . . . .	....	....	Typhus Fever . . . . .	....	....
Yellow Fever . . . . .	....	....	Yellow Fever . . . . .	....	....

Boston. Record of weather

STATISTICAL DEPARTMENT.

RECD. 10-5-90

METEOROLOGICAL OBSERVATIONS TAKEN AT THE WEATHER BUREAU, BOSTON.

For the month of November, 1898, as reported by J. W. SMITH, L. F. O., Weather Bureau.

DATE.	DAILY MEAN BAROMETER.	DAILY MEAN TEMPERATURE.	DAILY MEAN HUMIDITY.	PREVAILING DIRECTION OF WIND.	DAILY RAINFALL.	GENERAL ITEMS.
1	30.32	46	70	N.W.	.00	Mean Barometer, 30.01.
2	30.23	53	64	S.W.	.00	Highest Barometer, 30.536, on the 4th.
3	30.43	49	70	N.W.	.00	Lowest Barometer, 29.183 on the 30th.
4	30.48	48	77	W.	.00	Monthly Range of Barometer, 1.353.
5	30.18	48	90	S.	.00	Mean Temperature, 42.
6	29.63	52	88	S.W.	.36	Highest Temperature, 63, on the 2d.
7	30.09	40	62	W.	.00	Lowest Temperature, 22, on the 28th.
8	30.28	48	65	S.W.	.00	Monthly Range of Temperature, 41.
9	30.33	52	70	W.	.00	Greatest Daily Range of Temperature, 24, on the 8th.
10	30.00	43	92	N.E.	.99	Least Daily Range of Temperature, 3, on the 18th.
11	29.81	41	83	N.W.	.31	Mean Daily Range of Temperature, 12.5.
12	30.30	40	52	W.-N.W.	.00	Mean Daily Dew-point, 33.6.
13	30.16	44	69	S.W.	.00	Mean Daily Relative Humidity, 75.6.
14	29.81	44	75	W.	.20	Prevailing Direction of Wind, N.W.
15	30.17	42	65	W.	.00	Total Movement of Wind, 8,988 miles.
16	30.30	46	66	W.	.00	Highest Velocity of Wind and Direction, 60 N.
17	30.19	43	85	N.E.	.22	Number of Foggy Days, 1.
18	29.92	46	97	N.E.	.09	Number of Fair Days, 4.
19	29.34	44	96	N.E.	1.25	Number of Cloudy Days, 14.
20	29.79	45	64	N.W.	.10	Total Number of Days on which Rain or Snow fell, 13.
21	30.23	44	62	N.W.	.00	Depth of unmelted Snow on ground at end of month, 16 in.
22	30.21	38	85	N.	.00	Dates of Auroras, none.
23	30.07	42	85	N.W.	.00	Dates of Lunar Halos, none.
24	29.98	38	90	N.	.10	Thunder Storm, none.
25	30.01	30	60	W.	.25	Dates of Frosts,
26	30.02	29	66	N.E.-W.	*T	Mean Min. Temp., 35.7.
27	29.45	28	98	N.	1.05	MEAN TEMPERATURE for this month in
28	29.70	29	78	N.W.	.05	Total Precipitation for this Month in Inches.
29	29.58	33	58	W.	.00	1871 37
30	29.31	32	84	N.W.	.35	1872 40
31						1873 33
						1874 41
						1875 34
						1876 40
						1877 43
						1878 40
						1879 39
						1880 37
						1881 42
						1882 38
						1883 42
						1884 41
						1885 44
						1886 43
						1887 42
						1888 45
						1889 45
						1890 42
						1891 41
						1892 41
						1893 42
						1894 38
						1895 45
						1896 46
						1897 41
						1898 42
TOTALS.....	—	—	—	—	5.32	
MEANS.....	30.01	42	75.6	N.W.	.177	

*T indicates trace of precipitation. Average mean temperature for 28 years, 41. Average monthly precipitation for 28 years, 4.61

HEALTH DEPARTMENT OF THE CITY OF BOSTON.

Statement of Deaths for the month of December, 1898,

With an enumeration of the more prominent causes; accompanied by an abstract of Meteorological Observations.

Published by order of the Board of Health.

SAMUEL H. DURGIN, M.D.,
Chairman.

Deaths during the month of December, 1898 954
Population estimated at 528,912. Rate per 1,000 inhabitants, 21.64

Total number	954	NATIVITY.	
SEX.		United States	592
Males	489	Ireland	191
Females	465	England	14
CONDITION.		Scotland	8
Married	341	Germany	18
Single	450	British America	73
Widows	112	Italy	14
Widowers	41	Russia	10
Unknown	10	Other Countries	18
COLOR.		Unknown	16
White	932	PARENTAGE.	
Colored	22	United States	207
Total deaths . . .	Under 1 year	Irish	354
	Under 2 years	English	20
	Under 5 years	Scotch	10
Diarrhoeal diseases	Under 1 year	German	20
	Under 2 years	British American	69
	Under 5 years	Italian	31
	All ages	Russian	20
		Other Countries	64
		Mixed	65
		Unknown	94
		Still-births during the month	58

Total Deaths with Principal Causes for the month

CAUSES OF DEATH.	Total Mortality for December, 1888.	Total Mortality for December, 1897.	AGE.																	SEX.				
			Under 3 months.	3 months and under 6 months.	6 months and under 1 year.	1 year and under 2 years.	2 years and under 3 years.	3 years and under 4 years.	4 years and under 5 years.	Total under 5 years.	5 years and under 10 years.	10 years and under 15 years.	15 years and under 20 years.	20 years and under 30 years.	30 years and under 40 years.	40 years and under 50 years.	50 years and under 60 years.	60 years and under 70 years.	70 years and under 80 years.	80 years and under 90 years.	90 years and under 100 years.	100 years and over.	Males.	Females.
I. ZYMOTICS.																								
ALCOHOLISM	2	7													2								1	1
CROUP	2	2							1	1		1											2	
CARBUNCLE	1	1														1							1	
CHOLERA MORBUS																								
CHOLERA INFANTUM		1																						
CEREBRO-SPINAL MENINGITIS	7	5			1	2		2	1	6					1								5	2
CONGESTIVE FEVER																								
DIARRHŒA	3	1		1						1					1		1						2	1
DYSENTERY	2														1			1					1	1
DIPHTHERIA	19	27			1	3	1	2	7	14	4		1										9	10
ERYSIPELAS	2	2	1	1						2														2
INTERMITTENT FEVER																								
INFLUENZA	9	1			1					1			1		1		4	1	1				4	5
MEASLES	1							1		1													1	
PURPURA	1	1		1						1													1	
PURPERAL FEVER	2	1												2										2
PYŒMIA		1																						
REMITTENT FEVER	1		1							1														1
RHEUMATISM	1																	1						1
SCARLATINA	1	3									1													1
SMALLPOX																								
SYPHILIS (CONGENITAL)	2	2	1	1						2													1	1
SYPHILIS		1																						
SEPTICŒMIA	8	10	2							2	1			2	2		1						4	4
TONSILLITIS																								
TYPHOID FEVER	15	13												7	7		1						12	3
TYPHUS FEVER																								
WHOOPING COUGH	3	2	2		1					3														3
YELLOW FEVER																								
OTHER ZYMOTIC DISEASES	1																1						1	
II. CONSTITUTIONAL.																								
CANCER	34	32												1	5	3	12	7	4	1	1		8	26
HYDROCEPHALUS AND TUBERC. MENINGITIS,	8	6	1	1	2		2			6	1			1									3	5
MARASMUS, SCROFULA & TABES MESENTERICA	10	18	6	1	2	1				10													5	5
PHTHISIS PULMONALIS	115	104			1		2			3	1	1	14	33	35	16	7		3	1	1		61	54
OTHER CONSTITUTIONAL DISEASES	26	18	1	1					1	3	1		2	4	7	5	3	1					14	12

of December, Classified by Cause, Age and Sex.

CAUSES OF DEATH.			AGE.																	SEX.				
	Total Mortality for December, 1898.	Total Mortality for December, 1897.																		Males.	Females.			
			Under 3 months.	3 months and under 6 months.	6 months and under 1 year.	1 year and under 2 years.	2 years and under 3 years.	3 years and under 4 years.	4 years and under 5 years.	Total under 5 years.	5 years and under 10 years.	10 years and under 15 years.	15 years and under 20 years.	20 years and under 30 years.	30 years and under 40 years.	40 years and under 50 years.	50 years and under 60 years.	60 years and under 70 years.	70 years and under 80 years.			80 years and under 90 years.	90 years and under 100 years.	100 years and over.
III. LOCAL.																								
Apoplexy	35	31	1							1					1	1	9	10	6	6	1		21	14
Bright's Disease	12	4												2	1	1	1	1	3	3			5	7
Bronchitis	47	41	6	4	3	4	1	1		19					4	1	5	4	11	3			16	31
Heart Disease	80	79	3					1		4	1	2	3	3	6	11	12	20	13	4	1		46	34
Meningitis	27	11	3	2	5	3	3	1	1	18	4	2		1			2						16	11
Nephritis	18	37			1					1	1		1	1	3	2	3	3	2	1			12	6
Pleurisy	3						1			1						1		1					1	2
Pneumonia	162	109	2	11	15	23	4	1	2	58	2		3	14	16	15	12	22	11	8	1		82	80
OTHER LOCAL DISEASES	146	125	9	4	2	3	5	1		24	1		3	17	12	19	18	28	14	10			65	81
IV. DEVELOPMENTAL.																								
Cyanosis		3																						
Inanition	20	15	12	3	3	1				19							1						12	8
Old Age	24	18															1	3	7	12	1		12	12
Premature Birth	16	13	16							16													7	9
Puerp'l Diseases (not includ'g Puerp'l Fever),	4	1												2	1	1							4	
OTHER DEVELOPMENTAL DISEASES	17	12	13							13					1		2		1				9	8
V. VIOLENT.																								
Accidental	44	33		2		1				3		4		9	11	9	2	4	2				32	12
Homicidal	2	3											1	1									2	
Suicidal	11	15											1	3	3	1	3						9	2
OTHER VIOLENT CAUSES	1	6														1							1	
UNKNOWN CAUSES	9	4	2		1		1			4	1			1		1	2						6	3
TOTAL FROM ALL CAUSES	954	813	82	33	39	41	20	10	13	238	19	10	29	103	117	94	97	111	80	50	6		489	465
TOTAL FROM ZYMOTIC DISEASES INCLUDING TUBERCULAR DISEASES	83	81		7	4	4	5	1	5	9	35	6	1	1	10	11	6	2	7	3	1		45	38
TOTAL FROM CONSTITUTIONAL DISEASES	193	172	8	3	5	1	4		1	22	3	1	16	39	47	24	22	8	7	2	2		91	102
" " LOCAL "	530	437	24	21	26	33	14	5	3	126	9	4	10	38	43	51	62	89	60	35	3		264	266
" " DEVELOPMENTAL "	81	62	41	3	3	1				48				2	2	1	4	3	8	12	1		40	41
" " VIOLENT CAUSES	58	57		2		1				3		4	2	13	14	11	5	4	2				43	15

Comparative Statement of Cases of Contagious Disease reported to the Board of Health for the month of December, 1898, and for the corresponding month in 1897.

CASES REPORTED DURING DECEMBER, 1898.			CASES REPORTED DURING DECEMBER, 1897.		
	City.	Quarantine.		City.	Quarantine.
Diphtheria	217	....	Diphtheria	206	....
Measles	514	....	Measles	51	....
Smallpox . . . . .	....	....	Smallpox . . . . .	....	....
Scarlatina	87	....	Scarlatina	112	....
Typhoid Fever	42	....	Typhoid Fever	32	....
Typhus Fever . . . . .	....	....	Typhus Fever . . . . .	....	....
Yellow Fever . . . . .	....	....	Yellow Fever . . . . .	....	....

METEOROLOGICAL OBSERVATIONS TAKEN AT THE WEATHER BUREAU, BOSTON.

For the month of December, 1898, as reported by J. W. SMITH, L. F. O., Weather Bureau.

DATE.	DAILY MEAN BAROMETER.	DAILY MEAN TEMPERATURE.	DAILY MEAN HUMIDITY.	PREVAILING DIRECTION OF WIND.	DAILY RAINFALL.	GENERAL ITEMS.
1	29.76	36	65	W.	.00	Mean Barometer, 30.01.
2	30.13	36	66	W.	.00	Highest Barometer, 30.53, on the 16th.
3	30.28	35	73	N.E.	.00	Lowest Barometer, 29.31 on the 5th.
4	30.09	40	81	E.	.06	Monthly Range of Barometer, 1.22.
5	29.35	42	72	W.	.39	Mean Temperature, 32.
6	29.84	38	64	W.	.00	Highest Temperature, 58, on the 30th.
7	29.92	35	62	S.W.	.00	Lowest Temperature, 0, on the 14th.
8	30.12	30	52	W.	.00	Monthly Range of Temperature, 58.
9	30.20	23	56	N.W.	.00	Greatest Daily Range of Temperature, 33, on the 29th.
10	29.76	28	56	W.	.00	Least Daily Range of Temperature, 4, on the 4th.
11	29.45	30	61	S.W.-W.	.00	Mean Daily Range of Temperature, 13.9.
12	29.65	24	79	N.E.	.46	Mean Daily Dew-point, 22.0.
13	29.97	14	80	N.W.	*T	Mean Daily Relative Humidity, 69.4.
14	30.42	12	64	S.W.	.00	Prevailing Direction of Wind, S.W.
15	30.52	24	44	W.	.00	Total Movement of Wind, 8,834 miles.
16	30.48	27	54	S.W.	.00	Highest Velocity of Wind and Direction, 50 E.
17	30.15	37	75	S.W.	.00	Number of Foggy Days, 3.
18	29.01	38	76	W.	.00	Number of Clear Days, 14.
19	30.30	30	48	N.E.	.00	Total Number of Days on which Rain or Snow fell, 12.
20	30.05	32	98	N.W.	.34	Depth of unmelted Snow on ground at end of month, 2 in.
21	29.94	34	96	N.	.03	Dates of Auroras, none.
22	29.99	41	98	S.W.	*T	Date of Lunar Halos, 24, 25, 27.
23	29.82	42	74	W.	.48	Thunder Storm, none.
24	30.14	40	64	S.W.	.00	Mean Max. Temp., 38.9.
25	30.25	33	64	W.	.00	Dates of Frosts,
26	30.11	28	60	N.W.	.00	Mean Min. Temp., 25.0.
27	29.66	30	70	S.W.	*T	MEAN TEMPERATURE for this month in
28	29.68	22	54	W.	*T	Total Precipitation for this Month in inches.
29	30.04	26	66	S.W.	*T	1871 28
30	29.98	50	78	S.W.	.00	1872 24
31	30.18	34	97	N.	.43	1873 31
TOTALS	—	—	—	—	2.19	1874 31
MEANS	30.01	32	69.4	S.W.	.07	1875 29
						1876 22
						1877 35
						1878 30
						1879 32
						1880 26
						1881 38
						1882 30
						1883 29
						1884 33
						1885 33
						1886 29
						1887 32
						1888 36
						1889 38
						1890 26
						1891 40
						1892 30
						1893 30
						1894 32
						1895 36
						1896 30
						1897 34
						1898 32

*T indicates trace of precipitation. Average mean temperature for 28 years, 31. Average monthly precipitation for 28 years, 3.26.

SUMMARY OF DEATHS IN BOSTON,

With Principal Causes for the year 1898, compared with those of 1897.

PUBLISHED BY ORDER OF THE BOARD OF HEALTH.

SAMUEL H. DURGIN, M.D., Chairman.

	1898.	1897.		1898.	1897.
Total No. of deaths from all causes	10,886	11,154	Influenza	29	34
Population (estimated)	541,827	528,912	Intermittent fever	1	1
Annual death rate per 1,000 inhabitants	20.09	21.08	Measles	27	21
Total No. from zymotic diseases	1,470	1,806	Purpura	7	15
Percentage of deaths from zymotic diseases to total mortality	13.50	16.19	Puerperal fever	8	13
Total No. of still-births	613	614	Pyæmia	7	6
Total deaths of children under 1 year	2,572	2,462	Remittent fever	1	—
“ “ “ “ 2 years	3,154	3,076	Rheumatism	20	15
“ “ “ “ 5 years	3,577	3,708	Scarlatina	33	136
Percentage of deaths under 5 years to total mortality	32.86	33.24	Small-pox	—	—
Total No. of deaths from diarrhoeal diseases, under 5 years	523	475	Syphilis (congenital)	18	22
Total No. of deaths from diarrhoeal diseases, all ages	599	522	Syphilis	9	9
Percentage of deaths from diarrhoeal diseases to total mortality	5.50	4.68	Septicæmia	62	67
Alcoholism	57	44	Tonsillitis	—	2
Croup	15	45	Typhoid fever	185	173
Carbuncle	4	3	Typhus fever.	—	—
Cholera morbus	15	17	Whooping cough	68	39
Cholera infantum	441	400	Yellow fever	—	1
Cerebro spinal meningitis	97	185	Other zymotic diseases	23	11
Diarrhoea	102	87	Cancer	412	400
Dysentery	41	18	Phthisis pulmonalis	1,241	1,289
Diphtheria	170	411	Bright's disease	113	130
Erysipelas	30	32	Bronchitis	380	376
			Heart disease	934	913
			Pneumonia	1,169	1,236
			Old age	223	243
			Violent deaths	616	557

P.P.L. Binding
SEP 1 1899

